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ABSTRACT

The Cooperative Research Program (CRP) was organized in 1956 by the U.S. Office of Education. This 7-year program developed new knowledge about major educational problems and devised new applications of existing knowledge for solving problems. The average contribution of the Federal Government to each project was $50,000 for a 2-year project or $25,000 per year. The amount contributed by colleges, universities and state departments of education varied widely but was used for services, facilities and differential overhead. During the first 4 years of the program only basic and applied research projects were supported; however, in 1961 the program was broadened to include field demonstrations and developmental projects. Until 1962 a nine member research review committee evaluated proposals; four five-member technical review panels were established in 1962, to evaluate the basic and applied research proposals. Dissemination of information concerning the program was achieved through printed media and by staff members at conferences and seminars. A list of approved projects gives information concerning project number, investigator and location, title, and duration of the projects. Appendixes include a listing of principal investigators and project number, institutions and agencies conducting research, subject index, libraries maintaining CRP final reports, final reports available and cost, and Cooperative Research Publications. (MJM)

ED 064251

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COOPERATIVE RESEARCH PROJECTS

A Seven-year Summary

July 1, 1956 – June 30, 1963

SP 005 795

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

ANTHONY J. CELEBREZZE, *Secretary*

Office of Education

FRANCIS KEPPEL, *Commissioner*

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Foreword

PROFESSIONAL EDUCATORS have long recognized the need for more and better research. Decisions which are made should be based upon the best evidence that can be produced, and the most efficient method of accumulating reliable evidence is that of research.

In recent years the demand for more effective educational programs at all levels has emphasized the need for reliable information which can best be obtained through research. The 83d Congress of the United States, as well as successive sessions of Congress, recognized the paucity of existing educational research and appropriated Federal funds for the purpose of supporting colleges, universities, and State departments of education to conduct research.

This publication is a compilation of projects which have been approved for Federal funding under the auspices of the Cooperative Research Program (CRP) since its inception in 1957. Each project is listed and identified by a CRP project number followed by the investigator(s), institution, title, and expected duration of the project. The appendixes contain an alphabetical list of principal investigators; a list by State of institutions or agencies conducting CRP projects; a subject index of CRP projects by number; a list of depository libraries by State where final reports are available; a list of final reports available on microfilm or in photocopy; and a list of CRP publications.

This publication should be a valuable tool for educational researchers, professors of education, local and State educational administrators, and teachers.

FRANCIS A. J. IANNI
Director
Cooperative Research Branch

RALPH C. M. FLYNT
Associate Commissioner for Educational Research and Development

Contents

	Page
FOREWORD	III
INTRODUCTION	1
Authority and Purposes	1
Overview	1
Program Organization	1
Proposal Evaluation Procedures	2
Dissemination Procedures	2
PROJECTS APPROVED	3
APPENDIXES	
A. Principal Investigators	51
B. Institutions and Agencies Conducting Research	59
C. Subject Index	63
D. Libraries Maintaining CRP Final Reports	69
E. Final Reports Available and Cost	71
F. Cooperative Research Publications	75

Introduction

Authority and Purposes

IN 1954 THE 83D CONGRESS of the United States enacted Public Law 531 (Chapter 576, 2d Session H.R. 9040) which authorized the Commissioner of Education to enter into financial agreements with colleges, universities, and State education agencies for research, surveys, and demonstrations in the field of education. In broad terms, the purposes of the Cooperative Research Program are to—

- Develop new knowledge about major educational problems
- Devise new applications of existing knowledge for solving problems

Overview

The Office of Education's Cooperative Research Program began operating on July 1, 1956. During the first fiscal year (1957), 316 proposals were submitted to the program and a million dollars was appropriated for research. To determine the extent of growth during the past 7 years, one need only observe the increase in the appropriations and number of proposals received and supported as shown in the following tabulation:

Fiscal year	*Appropriation (Millions of dollars)*	*Proposals received*	*Proposals supported*	*Percent supported*
1957	1.0	316	108	34
1958	2.3	173	50	29
1959	2.7	279	86	31
1960	3.2	321	82	26
1961	3.6	393	97	24
1962	5.0	451	113	25
1963	6.9	536	137	25

Appropriations made to the program through fiscal year 1963 totaled $24.7 million. A total of $11.5 million has been appropriated for fiscal year 1964.

The average contribution of the Federal Government to each project was approximately $50,000 for a 2-year project, or $25,000 per year. The cost of an individual project ranged from less than $1,000 to more than $1 million. The amount contributed by colleges, universities, and State departments of education varies widely, but typically it is for services, facilities, and differential overhead. During the first 4 years of the program, only basic and applied research projects were supported. However, in 1961 the sphere of activity of the program was broadened to support field demonstrations and developmental projects. (Field demonstrations are activities that demonstrate basic research findings, and developmental projects are designed to be stimulatory in nature.) There are three types of developmental projects: (1) conference, (2) individual, and (3) seminar.

Funds were allocated for special projects in fiscal 1962 and 1963. Under this portion of the program, English study centers were initiated in fiscal 1962. In fiscal 1963, two social studies curriculum centers were established, as were two centers to demonstrate materials and methods that can be used effectively with the gifted student. Funds are being provided in fiscal 1964 for the following new programs: a small contracts research program, a curriculum improvement program, a research and development center program, and a demonstration program.

Program Organization

The Cooperative Research Program is an extramural program of the Office of Education, since it receives educational research proposals from colleges, universities, and State agencies. These proposals request Federal financial support under the terms of Public Law 531. Before granting support on a proposal, the Commissioner of Education obtains the advice and recommendations

of educational research specialists who are competent to evaluate it.

Until calender year 1962 a nine-member Research Review Committee evaluated proposals; however, in 1962 four five-member Technical Review Panels were established to aid in the evaluation of basic and applied research proposals. At the same time the name of the Research Review Committee was changed to the Research Advisory Council. Each of the panels was composed of two council members and three other consultants. The four panel areas were labeled: (1) curriculum and instruction, (2) environment, (3) personnel and processes, and (4) English.

With further program expansion in fiscal 1964, three additional panels were established to evaluate proposals in the following program areas: (1) curriculum improvement, (2) demonstration, and (3) research and development centers.

Proposal Evaluation Procedures

All research proposals received in the Cooperative Research Branch are processed in the branch and, with the exception of small contract proposals, are given an informational review by specialists within the Office of Education. Small contract proposals, for the purpose of fast evaluation, are reviewed only by field readers. Proposals in the curriculum improvement and demonstration programs are reviewed by field readers outside the Office of Education. These reviews, as the OE specialists' reviews, serve as supplementary information for the technical review panel.

On the basis of the evaluation, each proposal is classified into one of the following categories: (1) approved, (2) provisionally approved, (3) deferred, (4) disapproved with advice to resubmit, and (5) disapproved.

Deadlines for proposal submission are September 1, December 1, and March 1. There is no deadline for either the small contracts research or developmental program proposals.

Dissemination Procedures

Information is continually disseminated about the program in general and completed and ongoing research projects in particular, through printed media and by staff members at conferences and seminars. Currently, the Cooperative Research Branch publishes periodic newsletters, monographs of selected final projects, a yearbook describing projects initiated during the fiscal year, and a publication that is a cumulative listing of projects approved by the program since its inception. Single copies of these materials are available free upon request from the Publications Inquiry Unit of the Office of Education or directly from the program. Multiple copies of the monographs and yearbooks may be secured, at nominal cost, from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

Final project reports are distributed to subscribing libraries by the Documents Expediting Project of the Library of Congress. Photocopies or microfilms of final reports may be purchased from the Photoduplication Service of the Library of Congress. Summaries of selected final reports and brief descriptions of ongoing projects are available directly from the program.

Projects Approved

Project No.	*Investigator and location*	*Title*	*Duration*
008	Francis Stroup and Dean Andrew Southern State College Magnolia, Ark.	Barriers to College Attendance	October 1956 to September 1958
009	Arthur Kreisman Southern Oregon College Ashland, Oreg.	A Block Teaching Project, Integrating Humanities and Social Science	September 1957 to August 1959
011	Charles K. Ray University of Alaska College, Alaska	A Program of Education for Alaska Natives	January 1957 to December 1958
012	Albert J. Reiss, Jr. Vanderbilt University Nashville, Tenn.	A Sociopsychological Study of Conformity and Deviation Among Adolescents	October 1956 to June 1957 (*see* #507)
014	Donald D. Durrell Boston University Boston, Mass.	Language Achievements of Mentally Retarded Children	October 1956 to June 1957
015	William C. Kvaraceus Boston University Boston, Mass.	Refinement of a Nonverbal Group Measure of Delinquency Proneness That Can Be Used With Nonreaders, Slow Learners, and Mentally Retarded Children	October 1956 to September 1959
018	William M. Cruickshank, Louis A. Fleigler, and Jean Hebeler Syracuse University Syracuse, N.Y.	A Study of the Structure of Attitudes of Parents of Educable Mentally Retarded Children and a Study of the Change in Attitude Structure, Volumes I and II	October 1956 to January 1960
019	Rudolph J. Capobianco Syracuse University Syracuse, N.Y.	Quantitative and Qualitative Analyses of Endogenous and Exogenous Children in Some Reading Processes	December 1956 to November 1957
025	Carson McGuire University of Texas Austin, Tex.	Talented Behavior in Junior High Schools	February 1957 to August 1960
026	John R. Peck University of Texas Austin, Tex.	A Comparative Investigation of the Learning and Adjustment of Trainable Children in Public School Facilities, Segregated Community Centers and State Residential Centers	January 1957 to September 1959
037	Christian W. Jung and Wendell W. Wright Indiana University Bloomington, Ind.	Why Capable High School Students Do Not Continue Their Schooling	September 1956 to September 1958
039	Lloyd S. Standlee Indiana University Bloomington, Ind.	An Investigation of the Professional Preparation and Performance of Students Graduating from Teacher Training Institutions in Indiana	October 1956 to October 1957
042	Jerome G. Manis Western Michigan University Kalamazoo, Mich.	Migrant Education	January 1957 to September 1958

Project No.	*Investigator and location*	*Title*	*Duration*
043	Viola Cassidy and Jeanette C. Stanton Ohio State University Columbus, Ohio	An Investigation of Factors Involved in the Educational Placement of Mentally Retarded Children	January 1957 to December 1958
047	Raymond G. Kuhlen Syracuse University Syracuse, N.Y.	Motivational and Personality Factors in the Selection of Elementary and Secondary School Teaching as a Career	October 1956 to January 1958
048	Raymond G. Kuhlen Syracuse University Syracuse, N.Y.	Career Development in the Public School Teaching Profession With Special Reference to Changing Motivations, Pressures, Satisfactions, and Dissatisfactions	February 1957 to January 1959
052	Sister Mary Viterbo McCarthy Regis College Weston, Mass.	The Effectiveness of a Modified Counseling Procedure in Promoting Learning Among Bright Underachieving Adolescents	October 1956 to August 1957
055	Marguerite Thorsell Kansas State Department of Public Instruction Topeka, Kans.	The Education of Educable Mentally Retarded Children in Sparsely Populated Rural Areas	January 1957 to December 1959
065	William P. Kuvlesky and Roy C. Buck Pennsylvania State University University Park, Pa.	The Teacher-Student Relationship: A Study of Community Expectations	January 1957 to December 1959
076	Gordon N. Cantor George Peabody College for Teachers Nashville, Tenn.	An Investigation of Discrimination Learning Ability in Mongoloid and Normal Children of Comparable Mental Age	January 1957 to June 1958
078	Charles V. Mange Syracuse University Syracuse, N.Y.	An Investigation of Relationships Between Articulatory Development and Development of Phonetic Discrimination and Word Synthesis Abilities in Young Mentally Retarded and Normal Children	December 1956 to March 1959
081	Rudolph J. Capobianco Syracuse University Syracuse, N.Y.	An Investigation of the Reasoning Methods and Reasoning Ability in Mentally Retarded Children	December 1956 to November 1957
082	Louis M. DiCarlo Syracuse University Syracuse, N.Y.	A Comparative Study of Some Characteristics in Achievers and Nonachievers Among Children With Retarded Mental Development	December 1956 to December 1957
090	William M. Cruickshank Syracuse University Syracuse, N.Y.	Teaching Methodology for Brain-Injured and Hyperactive Children	December 1956 to January 1959
091	G. Orville Johnson Syracuse University Syracuse, N.Y.	Comparative Studies of Some Learning Characteristics in Mentally Retarded and Normal Children of the Same Mental Age: (I) Learning, Recognition, Recall, and Savings; (II) Proactive and Retroactive Inhibition; (III) Generalization; (IV) Reasoning	December 1956 to May 1958
092	Rudolph J. Capobianco Syracuse University Syracuse, N.Y.	Social Behavior of Mentally Retarded Children in Public School and Institution Environments	December 1956 to November 1957
096	Warren A. Ketcham University of Michigan Ann Arbor, Mich.	A Description and Analysis of Longitudinal Records of Development Among Elementary Children at Ferndale, Mich.	February 1957 to January 1958

Project No.	*Investigator and location*	*Title*	*Duration*
098	Jacob W. Getzels and Philip W. Jackson University of Chicago Chicago, Ill.	Varieties of Giftedness in the Classroom: Studies of Cognitive and Psychosociological Functioning in Adolescents	January 1957 to January 1958
099	Alvin Zander and Elmer Van Egmond University of Michigan Ann Arbor, Mich.	Effects of Children's Social Power and Intelligence on Their Interpersonal Relations	February 1957 to September 1957
103	Lloyd M. Dunn George Peabody College for Teachers Nashville, Tenn.	The Effectiveness of Special Day Class Training Programs for Severely (Trainable) Mentally Retarded Children	January 1957 to June 1958
109	Leo F. Cain and Samuel Levine San Francisco State College San Francisco, Calif.	Study of the Effect of Special Day-Training Classes for the Severely Mentally Retarded	March 1957 to June 1958
120	James S. Coleman University of Chicago Chicago, Ill.	Social Structures and Social Climates in High Schools	February 1957 to March 1959
127	William M. Cruickshank Syracuse University Syracuse, N.Y.	A Comparative Study of Mentally Handicapped and Intellectually Normal Boys on Selected Tasks Involving Learning and Transfer	December 1956 to November 1957
131	Pablo Roca University of Puerto Rico Rio Piedras, P.R.	Construction of a General Ability Group Test for Puerto Rican Students in Elementary and Secondary Schools	February 1959 to August 1960
139	W. R. Burris Mississippi State Depart- of Education Jackson, Miss.	Study of Screening Procedures for Special Education Services to Mentally Retarded Children	June 1957 to May 1959
142	Douglas Porter Harvard University Cambridge, Mass.	Application of Reinforcement Principles to Classroom Teaching: The Teaching of Phonemically and Orthographically Analyzed Spelling Materials by an Automatic Mechanical Teaching Device	July 1957 to September 1958
144	J. Wayne Wrightstone New York State Education Department Albany, N.Y.	A Comparison of Educational Outcomes Under Single- and Two-Track Plans for Educable Mentally Retarded Children	May 1957 to August 1959
145	Drexel Lange, Lloyd L. Smith, and James B. Stroud Iowa State Department of Public Instruction Des Moines, Iowa	Effects of a Comprehensive Opportunity Program on the Development of Educable Mentally Retarded Children	February 1957 to June 1959
146	William R. Carriker Nebraska State Department of Education Lincoln, Nebr.	A Comparison of Postschool Adjustment of Regular and Special Class Retarded Individuals Served in Lincoln and Omaha, Nebr., Public Schools	January 1957 to July 1957
148	Samuel M. Goodman New York State Education Department Albany, N.Y.	The Quality Measurement Project	February 1957 to August 1958

722-829 O—64——2

Project No.	*Investigator and location*	*Title*	*Duration*
149	Julian C. Stanley and Ellen Y. Beeman University of Wisconsin Madison, Wis.	Restricted Generalization, Bias, and Loss of Power That May Result from Matching Groups	February 1957 to June 1957
150	Kai Jensen University of Wisconsin Madison, Wis.	Conditions Influencing Insight and Problem Solving Behavior in the Mentally Retarded	January 1957 to June 1959
151	Virgil E. Herrick and Theodore L. Harris University of Wisconsin Madison, Wis.	Perception of Symbols in Skill Learning by Mentally Retarded, Gifted, and Normal Children	January 1957 to June 1957
152	Robert J. Francis and G. Lawrence Rarick University of Wisconsin Madison, Wis.	Motor Characteristics of the Mentally Retarded	February 1957 to June 1957
153	Herbert J. Klausmeier University of Wisconsin Madison, Wis.	An Analysis of Learning Efficiency in Arithmetic of Mentally Retarded Children in Comparison With Children of Average and High Intelligence	January 1957 to June 1959
154	Thomas A. Ringness University of Wisconsin Madison, Wis.	Emotional Reactions to Learning Situations as Related to the Learning Efficiency of Mentally Retarded Children	January 1957 to June 1959
155	Margaret Hudson George Peabody College for Teachers Nashville, Tenn.	Identification and Evaluation of Methods for Teaching Severely Mentally Retarded (Trainable) Children	February 1957 to December 1958
156	J. T. Kelly and J. B. White University of Florida Gainesville, Fla.	Florida Study of Teacher Education: An Evaluation of the Preservice Program	February 1957 to June 1957
157	Frances A. Mullen Illinois State Department of Public Instruction Springfield, Ill.	How Mentally Handicapped Children Learn Under Classroom Conditions: (I) Achievement and Adjustment of Educable Mentally Handicapped Children, (II) Teaching the Educable Mentally Handicapped Child, (III) The Chicago Test of General Information and General Comprehension for Educable Mentally Handicapped Children, (IV) Personality Appraisal of Educable Mentally Handicapped Children, (V) The Chicago Cooperative Research Project Practical Reading Test, (VI) Brief Screening Instruments for Evaluating the Academic Skills and Personal Adjustment of Educable Mentally Handicapped Children	March 1957 to December 1960
159	M. D. Steer Purdue University Lafayette, Ind.	Application of Mower's Autistic Theory to the Speech Habilitation of Mentally Retarded Pupils	June 1957 to May 1958
160	L. A. Van Dyke and K. B. Hoyt Iowa State Department of Public Instruction Des Moines, Iowa	The Dropout Problem in Iowa High Schools	February 1957 to June 1958
162	Ruth Boyle Newark State College Newark, N.J.	How Can Reading Be Taught to Educable Adolescents Who Have Not Learned To Read?	April 1957 to June 1959

Project No.	*Investigator and location*	*Title*	*Duration*
165	Leon Lassers and Gordon Low San Francisco State College San Francisco, Calif.	A Study of the Relative Effectiveness of Different Approaches of Speech Training for Mentally Retarded Children	March 1957 to December 1959
*166	Ernest V. Hollis U.S. Office of Education Washington, D.C.	Factors Related to Application, Admission, Registration, and Persistence in College	January 1957 to June 1958
167	Maurice H. Fouracre Teachers College Columbia University New York, N.Y.	The Effects of a Preschool Program Upon Young Educable Mentally Retarded Children, Volumes I and II	January 1957 to December 1961
168	Thelma G. Thurstone University of North Carolina Chapel Hill, N.C.	An Evaluation of Educating Mentally Handicapped Children in Special Classes and in Regular Classes	February 1957 to December 1959
169	John E. Stecklein and Ruth E. Eckert University of Minnesota Minneapolis, Minn.	An Exploratory Study of Factors Influencing the Choice of College Teaching as a Career	February 1957 to November 1957
170	Irving Lorge Teachers College Columbia University New York, N.Y.	Terminology and Concepts in Appraising the Mentally Retarded	February 1957 to June 1958
171	Stanley Ainsworth University of Georgia Athens, Ga.	An Exploratory Study of Educational, Social, and Emotional Factors in the Education of Mentally Retarded Children in Georgia Public Schools	July 1957 to June 1959
172	William G. Wolfe and James R. MacPherson University of Texas Austin, Tex.	The Evaluation and Development of Techniques for Testing Auditory Acuity of Trainable Mentally Retarded Children	February 1957 to September 1959
173	William H. Edson and Roger E. Wilk University of Minnesota Minneapolis, Minn.	An Experimental Study of the Admissions Interview in Teacher Education for Predicting Success in Teaching	January 1957 to June 1958
174	Walter W. Cook University of Minnesota Minneapolis, Minn.	A Study of Factors Operative in the Selective Retention of Students in Teacher Education	January 1957 to June 1960
175	Ernest P. Willenberg and Nathan S. Leichman California State Department of Education Sacramento, Calif.	Parent Attitudes in Rearing Mentally Retarded Children	July 1957 to June 1960
176	John O. Anderson and others Southern Illinois University Carbondale, Ill.	Perceptual and Response Abilities of Mentally Retarded Children	March 1957 to March 1959

*Involves contracts with 20 participating institutions.

Project No.	*Investigator and location*	*Title*	*Duration*
178	John J. Lee, Thorlief G. Hegge, Paul H. Voelker, and Chester M. Loomis Wayne State University Detroit, Mich.	Study of Social Adequacy and of Social Failure of Mentally Retarded Youth in Wayne County, Mich.	January 1957 to June 1959
179	George G. Stern Syracuse University Syracuse, N.Y.	Sociological and Educational Factors in the Etiology of Juvenile Delinquency	February 1957 to January 1959
181	Nathan Goldman Syracuse University Syracuse, N.Y.	A Sociopsychological Study of School Vandalism	February 1957 to July 1959
183	George G. Stern and Joseph M. Masling Syracuse University Syracuse, N.Y.	Unconscious Factors in Career Motivation for Teaching	February 1957 to January 1958
184	Nancy E. Wood Western Reserve University Cleveland, Ohio	Language Disorders in Children	April 1957 to December 1959
185	Willard Abraham Arizona State University Tempe, Ariz.	Investigation of Mental Retardation and Pseudomental Retardation in Relation to Bilingual and Subcultural Factors	June 1957 to June 1960
186	E. Gil Boyer and Harry S. Novack Rhode Island State Department of Education Providence, R.I.	The Adaptation for Group Classroom Use of Clinical Techniques for Teaching Brain-Injured Children	September 1959 to February 1961
192	Maynard C. Reynolds and Clayton L. Stunkard University of Minnesota Minneapolis, Minn.	A Comparative Study of Day Class v. Institutionalized Educable Retardates	May 1957 to June 1960
200	Paul H. Bowman and Charles V. Matthews University of Chicago Chicago, Ill.	Motivation of Youth for Leaving School	July 1957 to June 1959
201	William W. Wattenberg Wayne State University Detroit, Mich.	Relationship of School Experiences to Delinquency	September 1957 to June 1959
208	Paul H. Bowman and James V. Price University of Chicago Chicago, Ill.	Educational Motivation Patterns of Superior Students Who Do and Do Not Achieve in High School	July 1957 to June 1959
212	Leon R. Graham Texas Education Agency Austin, Tex.	Development of Standard and Correlated Dimensions of Material—Components in School Construction	September 1957 to June 1960
214	Daniel E. Griffiths and John Hemphill Teachers College Columbia University New York, N.Y.	Dimensions of Administrative Performance	May 1957 to June 1960
217	John B. Carroll Harvard University Cambridge, Mass.	Personality Factors in the Development of Communication and Leadership Skills	September 1957 to June 1960

Project No.	*Investigator and location*	*Title*	*Duration*
221	Blake S. Root George Washington University Washington, D.C.	An Evaluation of Supervised Correspondence Study as a Means of Helping Relieve the Teacher Shortage	July 1957 to March 1958
226	John C. Flanagan and others University of Pittsburgh Pittsburgh, Pa.	A Survey and Followup Study of Educational Plans and Decisions in Relation to Aptitude Patterns: Studies of the American High School	July 1957 to June 1962
244	Roxana R. Ford and Cyril J. Hoyt University of Minnesota Minneapolis, Minn.	The Identification and Measurement of Secondary School Homemaking Teachers Associated With Their Ability To Maintain Desirable Learning Situations	July 1957 to June 1960
245	W. H. Cowley and Charles J. Brauner Stanford University Stanford, Calif.	Evolution of American Educational Theory	July 1957 to June 1959
247	J. Kenneth Little University of Wisconsin Madison, Wis.	A Statewide Inquiry Into Decisions of Youth About Education Beyond High School	May 1957 to August 1958
258	B. Othanel Smith and Milton O. Meux University of Illinois Urbana, Ill.	A Study of the Logic of Teaching	September 1957 to August 1962
259A	Eric F. Gardner and George G. Thompson Syracuse University Syracuse, N.Y.	The Investigation and Measurement of the Social Values Governing Interpersonal Relations Among Adolescent Youth and Their Teachers	July 1957 to June 1962
259B	Eric F. Gardner and George G. Thompson Ohio State University Columbus, Ohio	The Investigation and Measurement of the Social Values Governing Interpersonal Relations Among Adolescent Youth and Their Teachers	October 1959 to June 1962
263	Theodore E. Harris, Virgil E. Herrick, and G. Lawrence Rarick University of Wisconsin Madison, Wis.	Perception of Symbols in Skill Learning by Mentally Retarded, Gifted, and Normal Children	July 1957 to June 1961
266	William E. Martin and Abraham H. Blum Purdue University Lafayette, Ind.	Psychological Characteristics Underlying the Educability of the Mentally Retarded Child. (I) Concept Formation and Transposition in Young Mentally Retarded and Normal Children	September 1957 to August 1958
273	Marian B. Miller Delaware State Department of Education Dover, Del.	Guidance and Elementary School Climate	September 1957 to August 1961
274	T. Bentley Edwards University of California Berkeley, Calif.	Attitudes of High School Students as Related to Success in School	August 1957 to July 1958
275	Miles V. Zintz University of New Mex. Albuquerque, N. Mex.	The Indian Research Study, Sections I and II	August 1957 to July 1960
289	John H. Gaeth Wayne State University Detroit, Mich.	Verbal Learning Among Children With Reduced Auditory Acuity	September 1957 to August 1960

Project No.	*Investigator and location*	*Title*	*Duration*
297	Frederick B. Davis and Gerald S. Lesser Hunter College New York, N.Y.	The Identification and Classroom Behavior of Elementary School Children Gifted in Five Different Mental Characteristics	September 1957 to August 1959
307	Theodore Albers and Alfred M. Potts Colorado State Department of Education Denver, Colo.	Providing Education for Migrant Children	January 1958 to December 1960
308	William R. Odell and Richard F. Carter Stanford University Stanford, Calif.	Communities and Their Schools Voters and Their Schools	August 1957 to June 1960
309	Calvin F. Schmid University of Washington Seattle, Wash.	Population Trends on Educational Change in the State of Washington	September 1957 to November 1958
313	Velma Linford Wyoming State Department of Education Cheyenne, Wyo.	Wyoming Mental Ability Survey	October 1957 to October 1958
320	Paul R. Klohr and Elsie J. Alberty Ohio State University Columbus, Ohio	The Identification and Development of Talent in Heterogeneously Grouped Students in a General Education Program at the Secondary School Level	January 1958 to June 1959
324	Walter Loban University of California Berkeley, Calif.	Language Ability in the Middle Grades of the Elementary School	January 1958 to December 1960
330	Robert C. Angell, John Colombotos, Amos Hawley, and Morris Janowitz University of Michigan Ann Arbor, Mich.	Sources of Professionalism: A Study of High School Teachers	December 1957 to May 1959
332	Howard Newburger and Helen Schucman New York University New York, N.Y.	Measurement of Educability of Severely Mentally Retarded Children	April 1958 to April 1959
333	James W. Reynolds University of Texas Austin, Tex.	An Analysis of Community Service Programs of Junior Colleges	January 1958 to August 1959
336	Robert E. Hewes and Richard W. Willard Massachusetts Institute of Technology Cambridge, Mass.	Investigation of the Use of Statistics in Counseling Students	January 1958 to June 1959
341	Samuel E. Burr, Jr., R. Merle Eyman, and Wylie H. Russell American University Washington, D.C.	Development of Fiscal Relationships of State Departments of Education	February 1958 to September 1958
348	Walter T. Plant San Jose State College San Jose, Calif.	Personality Changes Associated With a College Education	February 1958 to September 1962

Project No.	*Investigator and location*	*Title*	*Duration*
352	Louis M. Heil, Marion Powell, and Irwin Feifer Brooklyn College Brooklyn, N.Y.	Characteristics of Teacher Behavior Related to the Achievement of Children in Several Elementary Grades	February 1958 to January 1960
353	Marie M. Hughes University of Utah Salt Lake City, Utah	Development of the Means for the Assessment of the Quality of Teaching in the Elementary Schools	April 1958 to August 1959
365	Dale B. Harris University of Minnesota Minneapolis, Minn.	A Study of the Modification of Parental Attitudes Toward an Understanding of Mentally Retarded Children	April 1958 to August 1959
367	Paul A. Witty Northwestern University Evanston, Ill.	A Study of the Interests of Children and Youth	June 1958 to December 1959
368	Merle W. Tate, Barbara Stanier, and Berj Harootunian University of Pennsylvania Philadelphia, Pa.	Difference Between Good and Poor Problem Solvers	April 1958 to August 1959
371	Bruce J. Biddle University of Kansas City Kansas City, Mo.	Role of the Teacher and Occupational Choice	July 1958 to August 1960
372	Paul L. Dressel, Irvin J. Lehman, and Stanley O. Ikenberry Michigan State University East Lansing, Mich.	Critical Thinking, Attitudes, and Values in Higher Education	April 1958 to September 1959
375	Burton W. Kreitlow University of Wisconsin Madison, Wis.	Long-Term Study of Educational Effectiveness of Newly Formed Centralized School Districts in Rural Areas	April 1958 to June 1961
377	William W. Wattenberg Wayne State University Detroit, Mich.	Relationship of Self-Concept to Beginning Achievement in Reading	July 1958 to June 1962
378	C. Robert Pace and George G. Stern Syracuse University Syracuse, N.Y.	Studies of College Environments	July 1958 to June 1960
379	T. Bentley Edwards and Alan B. Wilson University of California Berkeley, Calif.	A Study of Some Social and Psychological Factors Influencing Educational Achievement Levels	August 1958 to June 1961
382	Philip A. Annas, Mannon B. Smith, and Ruth Pennell Maine State Department Augusta, Maine	Development of a Program for Mentally Retarded Children in Rural Schools	April 1958 to September 1959
385	John K. Coster, Norbert J. Nelson, and Frank J. Woerdehoff Purdue University Lafayette, Ind.	Vocational Education in Public Schools as Related to Social, Economic and Technical Trends: (I) The Analysis of Trends and Concepts, (II) The Appraisal of Programs of Vocational Agriculture and Industrial Education, (III) Bidimensional Approach to Educational Appraisal	June 1958 to November 1959

Project No.	*Investigator and location*	*Title*	*Duration*
387	Mildred C. Templin University of Minnesota Minneapolis, Minn.	A Study of Cognitive Development and Performance in Children With Normal and Defective Hearing	April 1958 to March 1963
390	Richard deCharms and Thomas E. Jordan Washington University St. Louis, Mo.	The Achievement Motive in Normal and Mentally Retarded Children	March 1958 to January 1959
392	Gerald S. Lesser and Frederick B. Davis Hunter College New York, N.Y.	Identification of Gifted Elementary School Children With Exceptional Scientific Talent	July 1958 to March 1960
397	Ned A. Flanders University of Minnesota Minneapolis, Minn.	Teacher Influence, Pupil Attitudes and Achievement	July 1958 to September 1960
401	Melvin S. Brooks and Robert L. Hilgendorf Southern Illinois University Carbondale, Ill.	The Social Problems of Migrant Farm Laborers: Effect of Migrant Farm Labor on the Education of Children	May 1958 to June 1959
403	Alexander Calandra Washington University St. Louis, Mo.	A Project in the Teaching and Development of an Integrated Physics-Algebra Course at the Ninth-Grade Level	April 1958 to March 1959
407	Donald D. Durrell and others Boston University Boston, Mass.	Adapting Instruction to the Learning Needs of Children in the Intermediate Grades	May 1958 to October 1959
408	Clyde J. Baer and others Missouri State Department of Education Jefferson City, Mo.	A Preliminary Exploration of Factors Associated With School Holding Power for Educable Mentally Retarded Adolescents	April 1958 to January 1962
412	Archie O. Haller and Irwin W. Miller Michigan State University East Lansing, Mich.	The Occupational Aspiration Scale: Theory, Structure, and Correlates	March 1958 to February 1961
416	Leo F. Cain San Francisco State College San Francisco, Calif.	Study of the Effects of Special Day Training Classes for the Severely Mentally Retarded	July 1958 to June 1959
418	Lee Meyerson and John L. Michael University of Houston Houston, Tex.	The Measurement of Sensory Thresholds in Exceptional Children: An Experimental Approach to Some Problems of Differential Diagnosis and Education With Special Reference to Hearing	June 1958 to November 1959
419	Nicholas A. Fattu Indiana University Bloomington, Ind.	Problem-Solving Performance of Elementary School Teachers on Professional Criteria: (I) The Development of Criteria, (II) Teachers of Arithmetic, Grades 3 to 6, (III) Teachers of Reading, Grades 2 to 5, (IV) Further Investigation of Teachers of Arithmetic, Grades 3 to 6	July 1958 to June 1960
423	Nellie D. Hampton and Tom A. Lamke Iowa State Department of Public Instruction Des Moines, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children	March 1958 to June 1959

Project No.	*Investigator and location*	*Title*	*Duration*
424	Ralph Garry and Anna Ascarelli Boston University Boston, Mass.	An Experiment in Teaching Topographical Orientation and Spatial Organization to Congenitally Blind Children	April 1958 to September 1959
428	Herbert A. Thelen and others University of Chicago Chicago, Ill.	Teachability Grouping: A Research Study of the Rationale, Methods, and Results of "Teacher-Facilitive" Grouping	July 1958 to August 1960
436	William W. Cooley Harvard University Cambridge, Mass.	Career Development of Scientists: An Overlapping Longitudinal Study	July 1958 to June 1963
438	T. R. McConnell University of California Berkeley, Calif.	The Influence of Different Types of Public Higher Institutions on College Attendance From Varying Socioeconomic and Ability Levels	October 1958 to September 1959
444	Robert M. W. Travers and others University of Utah Salt Lake City, Utah	Measured Needs of Teachers and Their Behavior in the Classroom	October 1958 to September 1961
451	Alvin Zander, Theodore Curtis, and Howard Rosenfeld University of Michigan Ann Arbor, Mich.	The Influence of Teachers and Peers on Aspirations of Youth	September 1958 to August 1960
453	John Schmid and others University of Arkansas Fayetteville, Ark.	An Analysis of Some Necessary Qualities of Teachers	January 1959 to January 1962
454	John I. Goodlad University of Chicago Chicago, Ill.	The Development of a Conceptual System for Dealing With Problems of Curriculum and Instruction	July 1958 to June 1960
457	Walter D. Smith and John A. Demming Florida State University Tallahassee, Fla.	Late School Entrance and Children's Adjustment	June 1958 to September 1958
458	Horace M. Bond Atlanta University Atlanta, Ga.	A Study of Factors Involved in the Identification and Encouragement of Unusual Academic Talent Among Underprivileged Populations	September 1958 to August 1960
469	Robert S. Soar and Norman D. Bowers Vanderbilt University Nashville, Tenn.	Evaluation of Laboratory Human Relations for Classroom Teachers	December 1958 to January 1961
470	Kathryn A. Blake and Edward T. Donlon Syracuse University Syracuse, N.Y.	Studies of the Effects of Systematic Variations of Certain Conditions Related to Learning: (I) Conditions of Reinforcement	June 1958 to September 1959
473	Roger E. Wilk and others University of Minnesota Minneapolis, Minn.	A Study of the Relationship Between Observed Classroom Behaviors of Elementary Student Teachers, Predictors of Those Behaviors, and Ratings by Supervisors	June 1958 to September 1959
477	James G. Cooper College of Guam Agana, Guam	Conversational English for Non-English-Speaking Children	October 1958 to October 1961

722-829 O—64——3

Project No.	*Investigator and location*	*Title*	*Duration*
485	J. Kenneth Little University of Wisconsin Madison, Wis.	Explorations Into the College Plans and Experiences of High School Graduates	September 1958 to August 1959
489	Mary V. Gaver Rutgers University New Brunswick, N.J.	Effectiveness of Centralized Library Service in Elementary Schools (Phase I)	January 1959 to June 1960
492	M. D. Steer and Theodore D. Hanley Purdue University Lafayette, Ind.	The Behavioral and Academic Implications of Hearing Loss Among Elementary School Children	February 1959 to July 1960
495	Bruce M. Siegenthaler Pennsylvania State University University Park, Pa.	Motivation of Speech and Hearing Handicapped Children	February 1959 to June 1960
499	John W. Keys, Richard F. Krug, and Henry E. Spuehler University of Oklahoma Norman, Okla.	Effects and Interactions of Auditory and Visual Cues in Oral Communication	February 1959 to January 1960
502	Edgar L. Lowell, Mary F. Woodward, and Carrol G. Baber University of Southern California Los Angeles, Calif.	Education of the Aurally Handicapped: A Psycholinguistic Analysis of Visual Communication	January 1959 to June 1960
503	George C. Mallinson Western Michigan University Kalamazoo, Mich.	An Analysis of the Factors Related to the Motivation and Achievement of Students in Science Courses in the Junior and Senior High School	February 1959 to August 1963
507	Albert J. Reiss, Jr., and Albert Lewis Rhodes State University of Iowa Iowa City, Iowa	A Sociopsychological Study of Adolescents' Conformity and Deviation	October 1958 to October 1959
509	J. Thomas Hastings and others University of Illinois Urbana, Ill.	The Use of Test Results	December 1958 to August 1960
510	Walter D. Smith Florida State University Tallahassee, Fla.	Late School Entrance, Social Acceptance and Children's School Achievement	January 1959 to October 1959
512	George G. Stern and Joseph M. Masling Syracuse University Syracuse, N.Y.	The Pedagogical Significance of Unconscious Factors in Career Motivation for Teaching	February 1959 to September 1960
513	Mamie L. T. Wilson Grambling College Grambling, La.	A Comparative Study of the Speech Responses and Social Ages of Two Selected Groups of Educable Mental Retardates	February 1959 to January 1960
525	Nicholas A. Fattu Indiana University Bloomington, Ind.	A Survey of Educational Research and an Appraisal by Scientists From Other Fields	October 1958 to August 1960
526	Jackson Toby Rutgers University New Brunswick, N.J.	Low School Status as a Predisposing Factor in Subcultural Delinquency	January 1959 to August 1961

Project No.	*Investigator and location*	*Title*	*Duration*
532	LeRoy C. Ferguson Michigan State University East Lansing, Mich.	How State Legislators View the Problem of School Needs	January 1959 to August 1959
538	Jack A. Holmes and Harry Singer University of California Berkeley, Calif.	The Substrata-Factor Theory: Substrata Factor Differences Underlying Reading Ability in Known Groups	February 1959 to February 1961
542	Allison Davis and Robert D. Hess University of Chicago Chicago, Ill.	Relationships Between Achievement in High School, College, and Occupation: A Followup Study	November 1958 to October 1961
543	Andrew W. Halpin and Don B. Croft University of Utah Salt Lake City, Utah	The Organizational Climate of Schools	September 1959 to February 1961
550	Edwin H. Sauer Harvard University Cambridge, Mass.	Contract Correction: The Use of Lay Readers in the High School Composition Program	December 1958 to June 1961
551	Donald W. Oliver Harvard University Cambridge, Mass.	The Analysis of Public Controversy, A Study in Citizenship Education	December 1958 to June 1962
554	Robert G. Petzold University of Wisconsin Madison, Wis.	The Perception of Music Symbols in Music Reading by Normal Children and by Children Gifted Musically	January 1959 to June 1959
557	Ruth E. Eckert University of Minnesota Minneapolis, Minn.	A Study of the Motivations, Activities, and Satisfactions of Present and Prospective Women College Faculty Members	May 1959 to June 1960
561	Ruth G. Strickland Indiana University Bloomington, Ind.	The Language of Elementary School Children: Its Relationship to the Language of Reading Textbooks and the Quality of Reading of Selected Children	February 1959 to January 1962
562	David C. Beardslee and Donald D. O'Dowd Wesleyan University Middletown, Conn.	Higher Education and the Occupational World	December 1958 to September 1959
566	John C. Flanagan University of Pittsburgh Pittsburgh, Pa.	The Identification, Development, and Utilization of Human Talents	December 1958 to November 1960
570	Louis M. Smith Washington University St. Louis, Mo.	Pupil Expectations of Teacher Leadership Behavior	March 1959 to January 1960
573	Robert E. Stake University of Nebraska Lincoln, Nebr.	The Effect of Television Instruction on Individual Learning Curves	April 1959 to November 1959
574	Robert L. Thorndike and Elizabeth P. Hagen Teachers College Columbia University New York, N.Y.	Characteristics of Men Who Have Remained In and Left Teaching	April 1959 to June 1960
577	Walter R. Borg Utah State University Logan, Utah	An Evaluation of Ability Grouping	June 1959 to December 1962

Project No.	*Investigator and location*	*Title*	*Duration*
578	Neil A. Carrier, Kenneth D. Orton, and Leslie F. Malpass Southern Illinois University Carbondale, Ill.	Responses of Bright, Normal, and Retarded Children to Learning Tasks	April 1959 to March 1961
589	Leo F. Cain and Samuel Levine San Francisco State College San Francisco, Calif.	A Study of the Effects of Community and Institutional School Classes for Trainable Mentally Retarded Children	July 1959 to June 1961
590	Paul L. Dressel and Irvin J. Lehman Michigan State University East Lansing, Mich.	Critical Thinking, Attitudes, and Values in Higher Education	October 1959 to December 1962
591	Craig Wilson and Robert E. Bills West Virginia State Department of Education Charleston, W. Va.	(1) The Incentive Approach to State School Improvement; (2) An Assessment of Role Change	June 1959 to December 1960
594	Roger G. Baker and others University of Kansas Lawrence, Kans.	Big School—Small School, Studies of the Effects of High School Size Upon the Behavior and Experiences of Students	July 1959 to August 1962
608	Elizabeth M. Drews Michigan State University East Lansing, Mich.	The Effectiveness of Homogeneous and Heterogeneous Ability Grouping in Ninth-Grade English Classes With Slow, Average, and Superior Students	March 1959 to March 1961
613	E. J. Asher and Noel G. Markwell Purdue University Lafayette, Ind.	The Teenager's Conception of Mental Illness	March 1959 to September 1959
614	Nellie D. Hampton Iowa State Teachers College Cedar Falls, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children	March 1959 to August 1960
619	Herbert Goldstein University of Illinois Urbana, Ill.	The Efficacy of Special Class Training on the Development of Mentally Retarded Children	July 1959 to November 1964
620	Margaret C. Bryne University of Kansas Lawrence, Kans.	Development and Evaluation of a Speech Improvement Program for Kindergarten and First-Grade Children	July 1959 to August 1962
621	Calvin W. Taylor University of Utah Salt Lake City, Utah	Development of a Theory of Education From Psychological and Other Research Findings	June 1959 to September 1960
623	Merle M. Ohlsen and Fred C. Proff University of Illinois Urbana, Ill.	The Extent to Which Group Counseling Improves the Academic and Personal Adjustment of Underachieving Gifted Adolescents	March 1959 to June 1960
624	Seymour B. Sarason and Kenneth S. Davidson Yale University New Haven, Conn.	A Study of Teacher Behavior in Relation to Children Differing in Anxiety Level	July 1959 to June 1962
629	George L. Brandon Michigan State University East Lansing, Michigan	Explorations in Research Design: Curriculums for Technicians	April 1959 to August 1960

Project No.	*Investigator and location*	*Title*	*Duration*
635	John C. Flanagan University of Pittsburgh Pittsburgh, Pa.	The Identification, Development, and Utilization of Human Talents	April 1959 to June 1963
637	Raymond C. Norris George Peabody College for Teachers Nashville, Tenn.	An Empirical Investigation of the Effects of Nonnormality Upon the Sampling Distribution of the Product Moment Correlation Coefficient	April 1959 to March 1960
639	Harry Levin and others Cornell University Ithaca, N.Y.	A Basic Research Program on Reading	July 1959 to June 1962
640	Archie N. Solberg and Charles L. Koelsch University of Toledo Toledo, Ohio	Facilities and Equipment Available for Teaching Science in the Public High Schools, 1958–1959	March 1959 to December 1959
642	Philip H. DuBois Washington University St. Louis, Mo.	Psychological Problems and Research Methods in Mathematics Training	March 1959 to June 1959
647	Earl J. McGrath Teachers College Columbia University New York, N.Y.	Analysis of the Curricular Offerings in Several Independent Liberal Arts Colleges	July 1959 to January 1961
648	William H. Lucio and M. A. Wenger University of California Los Angeles, Calif.	Prediction of Teacher Performance and Emotional Stability: A Psychological Study of Female Student Teachers	September 1959 to March 1961
649	M. D. Steer and others Purdue University Lafayette, Ind.	Public Speech and Hearing Services	April 1959 to March 1961
657	Donald Thistlethwaite Vanderbilt University Nashville, Tenn.	Recruitment and Retention of Talented College Students	July 1959 to January 1962
661	Lawrence M. Stolurow University of Illinois Urbana, Ill.	Principles for Programing Learning Materials in Self-Instructional Devices for Mentally Retarded Children	July 1959 to December 1961
664	John E. Drevdahl University of Miami Coral Gables, Fla.	A Study of the Etiology and Development of the Creative Personality	January 1960 to June 1961
668	Roy C. Bryan Western Michigan University Kalamazoo, Mich.	Reactions to Teachers by Students, Parents, and Administrators	September 1959 to August 1962
669	Irvin L. Child Yale University New Haven, Conn.	A Study of Esthetic Judgment	October 1959 to September 1962
672	G. R. Boyd Troy State College Troy, Ala.	Classroom Adjustment of the Underchosen Child Through Changes in Teachers' Attitudes and Behavior	August 1959 to December 1960
674	Donald R. Thomas University of Wisconsin Madison, Wis.	Determining an Effective Educational Program for Children of Migratory Workers in Wisconsin, Phase I	September 1959 to September 1960

Project No.	*Investigator and location*	*Title*	*Duration*
677	Edgar L. Morphet and William C. Schutz University of California Berkeley, Calif.	Procedures for Identifying Persons With Potential for Public School Administrative Positions	September 1959 to December 1960
681	Herschel T. Manuel University of Texas Austin, Tex.	The Preparation and Evaluation of Inter-Language Testing Materials	September 1959 to August 1961
684	Malcolm R. Westcott Vassar College Poughkeepsie, N.Y.	Inference, Guesswork, and Creativity	October 1959 to December 1962
685	Stephen P. Quigley and others Gallaudet College Washington, D.C.	Institutionalization and Psychoeducational Development of Deaf Children	August 1959 to June 1961
686	Walter W. Cook University of Minnesota Minneapolis, Minn.	A Study of the Factors Operative in the Selective Retention of Students in Teacher Education, Part II	August 1959 to July 1963
690	Beatrice F. Jacoby Queens College Flushing, N.Y.	The Role of Nonverbal Symbols in the Education of the Deaf	September 1959 to August 1961
691	Robert Glaser, Julian I. Taber, and Lloyd E. Homme University of Pittsburgh Pittsburgh, Pa.	Investigations of the Characteristics of Programed Learning Sequences	September 1959 to August 1961
695	Kathryn A. Blake University of Georgia Athens, Ga.	Studies of the Effects of Systematic Variations of Certain Conditions Related to Learning: (II) Conditions of Practice	September 1959 to June 1961
696	Ruth B. Glassow University of Wisconsin Madison, Wis.	Improvement of Motor Development and Physical Fitness in Elementary School Children	August 1959 to September 1961
697	Robert F. DeHaan Hope College Holland, Mich.	A Study of Leadership in School-Age Children	September 1959 to August 1961
701	Raymond B. Cattell and others University of Illinois Urbana, Ill.	Prediction and Understanding of the Effect of Children's Interests on School Performance	September 1959 to August 1961
702	J. Thomas Hastings and Philip J. Runkel University of Illinois Urbana, Ill.	Effects on Use of Tests by Teachers Trained in a Summer Institute, Volumes I and II	July 1959 to April 1961
708	John B. Lansing University of Michigan Ann Arbor, Mich.	Contributions by Parents Toward the Cost of Higher Education	August 1959 to November 1960
714	Neal Gross Harvard University Cambridge, Mass.	Role of the Elementary, Junior High, and Senior High School Principal	July 1959 to June 1960
715	William W. Cooley and Robert D. Bassett Harvard University Cambridge, Mass.	Evaluation and Followup Study of a Science and Mathematics Program for Talented Secondary School Students	July 1959 to June 1960

Project No.	*Investigator and location*	*Title*	*Duration*
722	Richard L. Simpson and David R. Norsworthy University of North Carolina Chapel Hill, N.C.	Occupational Choice and Mobility in the Urbanizing Piedmont of North Carolina	August 1959 to August 1960
725	E. Paul Torrance University of Minnesota Minneapolis, Minn.	Role of Evaluation in Creative Thinking	August 1959 to October 1960
727	Patrick Suppes Stanford University Stanford, Calif.	Development of Mathematical Concepts in Children	September 1959 to August 1962
729	Julian F. S. Foster and others University of Santa Clara Santa Clara, Calif.	The Impact of a Value-Oriented University on Student Attitudes and Thinking	August 1959 to January 1961
730	William F. Battig University of Virginia Charlottesville, Va.	Analysis of Processes in Paired-Associate Learning	October 1959 to September 1961
736	Mervin B. Freedman Vassar College Poughkeepsie, N.Y.	Measurement and Evaluation of Change in College Women	September 1959 August 1961
737	J. P. Guilford, P. R. Merrifield, and Anna B. Cox University of Southern California Los Angeles, Calif.	Creative Thinking in Children at the Junior High School Level	August 1959 to August 1961
739	Charles Van Riper Western Michigan University Kalamazoo, Mich.	An Investigation of Differential Binaural Stimulation in the Teaching of Foreign Languages	September 1959 to October 1960
742	Carson McGuire University of Texas Austin, Tex.	Factors Associated With the Educational Utilization of Human Talents, Part II	August 1959 to August 1960
748	Harold C. Hoffsommer University of Maryland College Park, Md.	Leisure-Time Activity—Interests of Teenage Youth in the Washington Metropolitan Area	September 1959 to October 1960
753	William Morse, Richard Bloom, and James Dunn University of Michigan Ann Arbor, Mich.	A Study of School Classroom Behavior From Diverse Evaluative Frameworks: Developmental, Mental Health, Substantive Learning, and Group Process	October 1959 to September 1961
757	Arthur A. Dole University of Hawaii Honolulu, Hawaii	A Study of Values and Determinants of Educational-Vocational Choices in Hawaii	October 1959 to September 1960
761	Howard E. Gruber and Morris Weitman University of Colorado Boulder, Colo.	Self-Directed Study: Experiments in Higher Education	September 1959 to February 1961
763	Edwin C. Lewis Iowa State University Ames, Iowa	Student-Teacher Interaction as a Determiner of Effective Teaching	September 1959 to June 1960

Project No.	*Investigator and location*	*Title*	*Duration*
766	Robert G. Petzold University of Wisconsin Madison, Wis.	Development of Auditory Perception of Musical Sounds by Children in the First Six Grades	September 1959 to June 1960
783	Roscoe A. Boyer University of Mississippi University, Miss.	The Use of Mathematical Programing To Solve Certain Problems in Public School Transportation	June 1960 to May 1961
787	Edgar Z. Friedenberg and Carl Nordstrom Brooklyn College Brooklyn, N.Y.	Why Successful Students of the Natural Sciences Abandon Careers in Science	January 1960 to June 1961
789	Julian C. Stanley and David E. Wiley University of Wisconsin Madison, Wis.	Development and Analysis of Experimental Designs for Ratings	February 1960 to June 1961
790	Charles D. Smock Purdue University Lafayette, Ind.	Effects of Motivational Factors on Perceptual-Cognitive Proficiency of Children Who Vary in Intellectual Level	February 1960 to August 1962
798	Bryce B. Hudgins and Louis M. Smith Washington University St. Louis, Mo.	An Analysis of Laboratory and Classroom Group Functioning	February 1960 to May 1962
801	Wallace H. Maw University of Delaware Newark, Del.	An Exploratory Investigation Into the Measurement of Curiosity in Elementary School Children	January 1960 to December 1961
803	H. Thomas James Stanford University Stanford, Calif.	School Revenue Systems in Five States	January 1960 to March 1961
805	Leonard D. Goodstein, John O. Crites, and Alfred B. Heilbrun State University of Iowa Iowa City, Iowa	Personality Correlates of Academic Adjustment	January 1960 to December 1961
812	James N. Morgan and others University of Michigan Ann Arbor, Mich.	Educational Achievement—Its Causes and Effects	March 1960 to August 1961
813	Ira J. Gordon and William D. Spears University of Florida Gainesville, Fla.	Interpersonal Perception: The Effects of Training in Perceptual Theory, Observation, and Analysis of Behavior Upon Accuracy of Prediction of Children's Self-Reports	January 1960 to June 1961
814	Arthur W. Combs and Daniel W. Soper University of Florida Gainesville, Fla.	The Relationship of Child Perceptions to Achievement and Behavior in the Early School Years	January 1960 to June 1963
816	E. Muriel J. Wright and Virginia H. Proctor Washington University St. Louis, Mo.	Systematic Observation of Verbal Interaction as a Method of Comparing Mathematics Lessons	December 1959 to June 1961
818	Mildred C. Templin University of Minnesota Minneapolis, Minn.	The Identification of Kindergarten Children Least Likely To Show Spontaneous Improvement in Speech Sound Articulation	January 1960 to June 1963

Project No.	*Investigator and location*	*Title*	*Duration*
833	Claude B. Elam Texas Christian University Fort Worth, Tex.	Inductive Concept Formation in Normal and Retarded Subjects	January 1960 to December 1961
845	Wilbur B. Brookover Michigan State University East Lansing, Mich.	Self-Concepts of Ability and School Achievement	January 1960 to June 1961
846	William W. Farquhar Michigan State University East Lansing, Mich.	Motivation Factors Related to Academic Achievement	December 1959 to December 1961
850	Wilbert J. McKeachie, John E. Milholland, and Robert L. Isaacson University of Michigan Ann Arbor, Mich.	Research on the Characteristics of Effective College Teaching	January 1960 to June 1963
853	Neal Gross Harvard University Cambridge, Mass.	The Role of the Elementary, Junior High, and Senior High School Principal	July 1960 to June 1963
859	G. Orville Johnson and Matthew J. Trippe Syracuse University Syracuse, N.Y.	Relationship Between Perception and Learning in the Mentally Retarded	September 1960 to January 1963
862	Louis A. Fliegler Syracuse University Syracuse, N.Y.	Systematic Variation of Certain Conditions Related to Learning in the Mentally Retarded: Reinforcement	June 1960 to May 1961
864	Gabriel M. Della-Piana University of Utah Salt Lake City, Utah	An Experimental Evaluation of Programed Learning: Motivational Characteristics of the Learner, His Responses, and Certain Learning Outcomes	June 1960 to September 1961
873	Pauline S. Sears Stanford University Stanford, Calif.	The Effect of Classroom Conditions on the Strength of Achievement Motive and Work Output of Elementary School Children	May 1960 to September 1962
874	Patricia B. Knapp Wayne State University Detroit, Mich.	An Experiment in Coordination Between Teaching and Library Staff for Changing Student Use of University Library Resources	April 1960 to June 1962
876	George Gerbner University of Illinois Urbana, Ill.	Mass Communications and Popular Conceptions of Education: A Cross Cultural Study	May 1960 to June 1962
878	Charles K. Ray and others University of Alaska College, Alaska	Alaskan Native Secondary School Dropouts	September 1960 to August 1962
879	Milton Rokeach Michigan State University East Lansing, Mich.	The Nature of Analysis and Synthesis and Some Conditions in the Classroom Which Facilitate or Retard These Cognitive Processes	July 1960 to June 1965
896	William W. Cooley and L. E. Klopfer Harvard University Cambridge, Mass.	Use of Case Histories in the Development of Student Understanding of Science and Scientist	April 1960 to August 1961
906	Richard L. Simpson University of North Carolina Chapel Hill, N. C.	The School Teacher: Social Values, Community Role, and Professional Self-Image	May 1960 to September 1964

722-829 O—64——4

Project No.	*Investigator and location*	*Title*	*Duration*
907	Edgar L. Lowell and Mary F. Woodward University of Southern California Los Angeles, Calif.	A Linguistic Approach to the Education of Aurally Handicapped Children	July 1960 to June 1963
908	Martin Deutsch and Joseph Zubin New York Medical College New York, N.Y.	Communication of Information in Elementary Classrooms	April 1960 to April 1962
914	Walter T. Plant and Charles W. Telford San Jose, State College San Jose, Calif.	The Psychological Impact of the Public Two-Year College on Certain Nonintellectual Functions	April 1960 to January 1963
916	Ralph J. Garry and Anna Ascarelli Boston University Boston, Mass.	The Nature and Formation of Spatial Concepts in Congenitally Blind Children Between the Ages of 2 and 5	May 1960 to October 1962
918	Karl T. Hereford Michigan State University East Lansing, Mich.	The Relationship Between School Design and Utilization and Personnel Interactions	May 1960 to April 1961
922	Norris G. Haring University of Maryland College Park, Md.	A Comparison of Especially Designed Art Activities With Traditional Art Activities as Used With Mentally Retarded Children and Youth	June 1960 to September 1961
923	Nellie D. Hampton Iowa State Teachers College Cedar Falls, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children	May 1960 to January 1962
929	W. W. Charters, Jr. Washington University St. Louis, Mo.	Teacher Perceptions of Administrator Behavior	September 1960 to January 1962
932	John W. M. Rothney University of Wisconsin Madison, Wis.	The Discovery and Guidance of Superior Students	August 1960 to July 1962
933	Merle M. Ohlsen University of Illinois Urbana, Ill.	Appraisal of Group Counseling for Under-Achieving, Bright Fifth Graders and Their Parents	September 1960 to September 1962
934	Merle M. Ohlsen Fred C. Proff University of Illinois Urbana, Ill.	Response Patterns Associated With Group Counseling	June 1960 to August 1960
935	Leonard Kornberg and Helen Storen Queens College Flushing, N.Y.	The Preparation of Teachers for Schools in Culturally Deprived Neighborhoods	February 1961 to January 1965
938	G. D. McGrath and others Arizona State University Tempe, Ariz.	Higher Education of Southwestern Indians With Reference to Success and Failure	September 1960 to August 1962
939	Philip J. Runkel, J. Thomas Hastings, and Dora E. Damrin University of Illinois Urbana, Ill.	Changes in Schools Which Do and Do Not Send Staff Members to Training Institutes in Counseling	June 1960 to June 1961

Project No.	*Investigator and location*	*Title*	*Duration*
951	Ralph F. Berdie and Albert B. Hood University of Minnesota Minneapolis, Minn.	Trends in Post-High School Plans Over an Eleven-Year Period	August 1960 to July 1963
954	Wallace A. Kennedy, Vernon Van De Riet, and James C. White, Jr. Florida State University Tallahassee, Fla.	Standardization of the 1960 Revision of the Stanford-Binet Intelligence Scale on Negro Elementary School Children in the Southeastern United States	September 1960 to December 1961
961	Catherine S. Chilman Syracuse University Syracuse, N.Y.	Educational Achievement and Aspirations of Undergraduate Married Students as Compared to Undergraduate Unmarried Students, With Analyses of Certain Associated Variables	October 1960 to September 1962
965	James J. Gallagher University of Illinois Urbana, Ill.	Productive Thinking of Gifted Children	August 1960 to August 1963
969	Joseph L. Stewart University of Denver Denver, Colo.	Effectiveness of Educational Audiology on the Language Development of Hearing-Handicapped Children	January 1961 to December 1965
973	Bernard B. Schlanger West Virginia University Morgantown, W. Va.	The Effects of Listening Training on the Auditory Thresholds of Mentally Retarded Children	June 1960 to September 1961
975	Harold Guetzkow University of Chicago Chicago, Ill.	Education for Innovative Behavior in Executives	August 1960 to July 1962
978	William G. Perry, Jr. Harvard University Cambridge, Mass.	Patterns of Development in Thought and Values of Students in a Liberal Arts College	August 1960 to July 1964
994	E. Paul Torrance University of Minnesota Minneapolis, Minn.	Understanding the Fourth-Grade Slump in Creative Thinking	September 1960 to November 1961
1001	John H. Gaeth Wayne State University Detriot, Mich.	Verbal and Nonverbal Learning in Children, Including Those With Hearing Losses	September 1960 to August 1963
1005	Ray H. Bixler and others University of Louisville Louisville, Ky.	Comprehension of Rapid Speech by Blind Children	September 1960 to August 1961
1008	Joseph C. Bledsoe University of Georgia Athens, Ga.	The Self-Concepts of Elementary School Children in Relation to Their Academic Achievement, Intelligence, Interests, and Manifest Anxiety	September 1960 to August 1962
1015	Horacio J. A. Rimoldi and J. R. DeVane Loyola University Chicago, Ill.	Training in Problem Solving (Five Parts)	October 1960 to September 1961
1017	Jack London University of California Berkeley, Calif.	Attitudes Toward Adult Education by Social Class	September 1960 to August 1961
1018	Millard Hansen University of Puerto Rico Rio Diedras, Puerto Rico	Social Consequences of the School Project: Recruitment and Values of Students in the University of Puerto Rico	September 1960 to September 1962
1020	Paul C. Rosenbloom University of Minnesota Minneapolis, Minn.	Characteristics of Teachers Which Affect Students' Learning	August 1960 to October 1962

Project No.	*Investigator and location*	*Title*	*Duration*
1026	Laurence Iannaccone and Henry W. Button Washington University St. Louis, Mo.	A Study of Attitude Formation and Initiation Into the Teaching Profession in the Elementary Student Teaching Program	September 1960 to January 1962
1032	Paul R. Hanna Stanford University Stanford, Calif.	Education as an Instrument of National Policy in Selected Asian Nations	August 1960 to December 1962
1038	W. Donald Walling and Franklin J. Keller Rutgers University New Brunswick, N.J.	Vocationally Talented Pupils	September 1960 to August 1961
1039	William R. Odell and Richard F. Carter Stanford University Stanford, Calif.	Structure and Process of School-Community Relations	July 1960 to July 1965
1040	Eleanor E. Maccoby and Lucy Rau Stanford University Stanford, Calif.	Differential Cognitive Abilities	September 1960 to September 1962
1044	Basil G. Zimmer Brown University Providence, R.I.	Resistances to Reorganization of School Districts and Local Governments in Metropolitan Areas	September 1960 to August 1963
1045	Werner Z. Hirsch and Burton A. Weisbrod University of California Los Angeles, Calif.	Spillover of Public Education Costs and Benefits	September 1960 to August 1963
1046	Thomas L. Hilton Carnegie Institute of Technology Pittsburgh, Pa.	Cognitive Processes in Career Decision-Making	August 1960 to August 1963
1048	Arthur W. Staats, Carolyn K. Staats, and Richard E. Schutz Arizona State University Tempe, Ariz.	Textual Behavior and Its Function in Communication	September 1960 to August 1962
1051	Robert G. Petzold University of Wisconsin Madison, Wis.	Auditory Perception of Musical Sounds by Children in the First Six Grades	August 1960 to July 1965
1052	William A. Owens Purdue University Lafayette, Ind.	Life History Correlates of Age Changes in Mental Abilities	September 1960 to August 1962
1057	Raymond C. Hummel Harvard University Cambridge, Mass.	An Evaluation of a Model for Guidance Counseling	August 1960 to September 1962
1059	Billey Levinson and Hayne W. Reese University of Buffalo Buffalo, N.Y.	Patterns of Discrimination Learning Set in Preschool Children, Fifth Graders, College Freshmen, and the Aged	August 1960 to April 1961
1060	Philip R. Merrifield and Sheldon F. Gardner University of Southern California Los Angeles, Calif.	Aptitude and Personality Measures Related to Creativity in Seventh-Grade Children	July 1960 to August 1961

Project No.	*Investigator and location*	*Title*	*Duration*
1067	Floyd T. Christian Florida State Department of Education Tallahassee, Fla.	An Evaluation of Climate Control as a Contributing Factor to an Effective Educational Program	October 1960 to September 1963
1073	Martha T. Mednick and Sarnoff A. Mednick University of Michigan Ann Arbor, Mich.	The Associative Basis of the Creative Process	August 1960 to August 1963
1076	Edgar L. Morphet and William C. Schutz University of California Berkeley, Calif.	Procedures for Identifying Potential School Administrators	January 1961 to June 1963
1078	Robert D. Hess and David Easton University of Chicago Chicago, Ill.	The Development of Basic Attitudes and Values Toward Government and Citizenship During the Elementary School Years	January 1961 to December 1963
1082	Bruce J. Biddle University of Missouri Columbia, Mo.	Explorations in Teacher Role	August 1960 to August 1961
1083	C. Robert Pace University of California Los Angeles, Calif.	The Influence of Academic and Student Subcultures in College and University Environments	October 1960 to June 1963
1084	C. Wayne Gordon and John D. McNeil University of California Los Angeles, Calif.	Teacher Leadership Styles in Relationship to Productivity, Morale, and Achievement Among Seventh- and Eighth-Grade Pupils	September 1960 to February 1962
1090	Evan R. Keislar University of California Los Angeles, Calif.	Abilities of First-Grade Pupils To Learn Mathematics in Terms of Algebraic Structures by Means of Teaching Machines	August 1960 to August 1961
1091	George W. Denemark University of Wisconsin Milwaukee, Wis.	A Research-Oriented Elementary Education Student Teaching Program	September 1960 to August 1963
1094	John W. M. Rothney University of Wisconsin Madison, Wis.	Educational, Vocational, and Social Performance of Counseled and Uncounseled Youth, Ten Years After High School	July 1961 to June 1963
1097	Paul H. Bowman and James V. Pierce University of Chicago Chicago, Ill.	Sex Differences in Achievement Motivation	December 1960 to November 1961
1099	Martin Deutsch and Alfred M. Freedman New York Medical College New York, N.Y.	Visual and Auditory Efficiency and Its Relationship to Reading in Children	April 1961 to September 1962
1107	Victor B. Cline and others University of Utah Salt Lake City, Utah	Use of Biographical Information on Students Who Do and Do Not Achieve in High School Science Courses	January 1961 to August 1962
1124	J. Wayne Wrightstone New York State Education Department Albany, N.Y.	Evaluation of the Higher Horizons Program for Underprivileged Children	June 1961 to May 1964
1131	Walter Loban University of California Berkeley, Calif.	Language Ability, Grades 7, 8, and 9	January 1961 to February 1964

Project No.	*Investigator and location*	*Title*	*Duration*
1132	Rolf E. Bargmann Virginia Polytechnic Institute Blacksburg, Va.	Representative Ordering and Selection of Variables, Parts A and B	January 1961 to December 1963
1133	Leland L. Medsker and T. R. McConnell University of California Berkeley, Calif.	Factors Affecting Performance of Transfer Students From Two- to Four-Year Colleges With Implications for Coordination and Articulation	February 1961 to June 1963
1134	Joseph E. Brzeinski Colorado State Department of Education Denver, Colo.	The Effectiveness of Teaching Reading in Kindergarten	January 1961 to December 1965
1138	Carson McGuire University of Texas Austin, Tex.	Prediction and Modification of Talent in Senior High Schools	July 1961 to August 1964
1139	Glenn Terrell University of Illinois Chicago, Ill.	Nonintellective Factors Associated With Scholastic Achievement	September 1961 to August 1964
1143	Alvin F. Zander University of Michigan Ann Arbor, Mich.	Group Aspirations and Group Coping Behavior	January 1961 to December 1963
1146	Allan Tucker Michigan State University East Lansing, Mich.	Factors Related to Attrition Among Doctoral Students	July 1961 to June 1963
1150	Donald D. O'Dowd and David C. Beardslee Michigan State University Rochester, Mich.	Development and Consistency of Student Images of Occupations	January 1961 to June 1964
1153	Louis M. Heil Brooklyn College Brooklyn, N.Y.	Modifying Behaviors (Self-Concept) of Certain Prospective Teachers	February 1961 to January 1962
1163	Irving H. Anderson and Geraldine T. Scholl University of Michigan Ann Arbor, Mich.	A Comparison of the Reading and Spelling Achievement and Handwriting of Groups of English, Scottish, and American Children	July 1961 to December 1962
1166	Leland H. Stott Merrill-Palmer Institute Detroit, Mich.	Evaluation of Infant and Preschool Mental Tests	July 1961 to December 1962
1167	Ronald Lippitt University of Michigan Ann Arbor, Mich.	Pupil-Teacher Adjustment and Mutual Adaptation in Creating Classroom Learning	January 1961 to June 1963
1168	Charles E. Bowerman and Ernest Q. Campbell University of North Carolina Chapel Hill, N.C.	Social Factors in Educational Achievement and Aspirations Among Negro Adolescents	September 1961 to August 1965
1170	Robert S. Soar University of South Carolina Columbia, S.C.	Multivariate Statistical Procedures in Predicting Teacher-Pupil Classroom Behavior	January 1961 to December 1961

Project No.	*Investigator and location*	*Title*	*Duration*
1182	John de Jung and Norris G. Haring University of Kansas Lawrence, Kans.	The Measurement of Social Relations of Mentally Retarded and Young Elementary School Children Using a Modification of Syracuse Scales of Social Relations	March 1961 to October 1962
1186	Nadine Lambert California State Department of Education Sacramento, Calif.	The Development and Validation of a Process for Screening Emotionally Handicapped Children in School	August 1961 to October 1962
1193	William F. Bowin New York State Education Department Albany, N.Y.	Evaluation of the Madison Project Method of Teaching in Arithmetic Situations in Grades 4, 5, and 6	July 1961 to January 1963
1194	Peter H. Rossi University of Chicago Chicago, Ill.	Great Aspirations: Career Decisions and Educational Plans During College	December 1960 to January 1962
1196	Robert M. W. Travers University of Utah Salt Lake City, Utah	Study of Reinforcement in Classroom Learning	September 1961 to September 1964
1198	Joseph M. Wepman University of Chicago Chicago, Ill.	Speech Inaccuracy in Children as Related to Etiology	July 1961 to June 1963
1202	Howard Wakefield, Thomas W. Walton, and Herbert H. Lindsey University of Wisconsin Madison, Wis.	Educational Programs for Children of Migratory Agricultural Workers in Wisconsin	July 1961 to June 1962
1203	Doris R. Entwisle Johns Hopkins University Baltimore, Md.	Set-Learning in Gifted High School Students	May 1961 to October 1961
1217	Norman E. Wallen University of Utah Salt Lake City, Utah	Relationships Between Teacher Characteristics and Student Behavior	September 1961 to August 1963
1218	James L. Kuethe Johns Hopkins University Baltimore, Md.	Personality Traits Related to "Stress Tolerance" as Determinants of Academic Achievement	July 1961 to October 1961
1221	Warren D. Gribbons Clark University Worcester, Mass.	Career Development	May 1961 to June 66
1226	Louis M. Smith and Thomas Johnson Washington University St. Louis, Mo.	Motive and Trait Correlates of Pupil Schema	September 1961 to June 1962
1241	H. Thomas James, J. Allen Thomas, and Harold J. Dyck Stanford University Stanford, Calif.	Wealth, Expenditures, and Decision-Making	June 1961 to November 1962
1242	John O. Cook and Howard G. Miller North Carolina State College Raleigh, N.C.	Studies in Guided Learning	July 1961 to August 1963

Project No.	*Investigator and location*	*Title*	*Duration*
1253	Robert E. Stake, James H. Beaird, and Douglas D. Sjogren University of Nebraska Lincoln, Nebr.	Sampling Distribution of Error Factors in Multidimensional Scaling	July 1961 to June 1962
1262	Richard L. Turner Indiana University Bloomington, Ind.	Problem-Solving Proficiency Among Elementary School Teachers	July 1961 to June 1964
1263	Betty J. Bosdell University of North Dakota Grand Forks, N. Dak.	Evaluation of Counseling Treatments With Underachieving High School Students	July 1961 to June 1962
1266	Quentin C. Stodola, Donald F. Schwartz, and Ralph H. Kolstoe North Dakota State University Fargo, N. Dak.	Administering a Listening Comprehension Test Through Use of Teacher-Readers, Sound Film, and Tape Recording	July 1961 to March 1962
1267	Leslie F. Malpass, Alden S. Gilmore, Miles W. Hardy, and Charles F. Williams University of South Florida Tampa, Fla.	Comparison of Two Automated Teaching Procedures for Retarded Children	July 1961 to June 1963
1269	A. J. Jaffe Columbia University New York, N.Y.	Social and Economic Characteristics of the College Population and Others With Some College Training	July 1961 to June 1962
1275	J. William Asher, Robert W. Brittell, and Neal V. Musmanno University of Pittsburgh Pittsburgh, Pa.	The High Speed Electronic Computer as a Research and Operations Device in School Law	July 1961 to June 1962
1283	John W. Atkinson University of Michigan Ann Arbor, Mich.	Effects of Ability Grouping in Schools Related to Individual Differences in Achievement–Related Motivation	July 1961 to December 1962
1286	Warren A. Ketcham University of Michigan Ann Arbor, Mich.	Dimensions of Children's Social and Psychological Development Related to School Achievement	September 1961 to August 1964
1298	Allen Kent and others Western Reserve University Cleveland, Ohio	The Library of Tomorrow—Today	April 1961 to April 1962
1299	Frank B. Baker University of Wisconsin Madison, Wis.	Empirical Determination of Sampling Distributions of Item Discrimination Indexes and a Reliability Coefficient	November 1961 to November 1962
1308	Ernest G. Beier University of Utah Salt Lake City, Utah	Polygraphic Arousal Patterns Related to Attention and Learning in Groups	August 1961 to November 1962
1316	Michael A. Wallach and Nathan Kogan Massachusetts Institute of Technology Cambridge, Mass.	Cognitive Originality, Physiognomic Sensitivity, and Defensiveness in Children	August 1961 to July 1964
1318	Burton W. Kreitlow University of Wisconsin Madison, Wis.	Long-Term Study of Educational Effectiveness of Newly Formed Centralized School Districts in Rural Areas, Part II	August 1961 to June 1964

Project No.	*Investigator and location*	*Title*	*Duration*
1323	Walter R. Turkes and Albert G. Holzman University of Pittsburgh Pittsburgh, Pa.	Optimal Scheduling in Educational Institutions	September 1961 to August 1963
1324	Ralph B. Kimbrough University of Florida Gainesville, Fla.	Informal County Leadership Structure and Controls Affecting Education Policy Decision-Making	September 1961 to September 1964
1327	Herbert Solomon Stanford University Stanford, Calif.	Item Analysis, Test Design, and Classification	October 1961 to September 1964
1328	Leland L. Medsker University of California Berkeley, Calif.	Characteristics and Backgrounds of High School Graduates and Their Subsequent Personal and Educational Development	October 1961 to June 1964
1329	Robert E. Sweitzer Oklahoma State University Stillwater, Okla.	Role Expectations and Perceptions of School Principals	September 1961 to August 1962
1338	Philip H. DuBois Washington University St. Louis, Mo.	Factors Associated With the Academic Achievement of Adult Students	September 1961 to February 1964
1339	San-su C. Lin Claflin University Orangeburg, S.C.	Pattern Practice on the Teaching of Standard English to Students With a Nonstandard Dialect	September 1961 to June 1964
1342	J. P. Guilford and Philip R. Merrifield University of Southern California Los Angeles, Calif.	Determination of "Structure-of-Intellect" Abilities Involved in Ninth-Grade Algebra and General Mathematics	August 1961 to August 1963
1343	Robert Glaser University of Pittsburgh Pittsburgh, Pa.	The Technology of Programed Instruction and Its Impact Upon an Educational System	September 1961 to August 1966
1344	Merle M. Ohlsen and James L. Lister University of Illinois Urbana, Ill.	The Effects of Orientation to Testing on Motivation For and Outcome of Test Interpretation	September 1961 to August 1962
1346	David P. Campbell and Theodore Volsky University of Minnesota Minneapolis, Minn.	Twenty-Five Year Followup of Educational Vocational Counseling	September 1961 to June 1963
1350	W. L. Barnette University of Buffalo Buffalo, N.Y.	Validation of MVII on Vocational High School Boys, Part I	October 1961 to March 1963
1351	Saul B. Sells Texas Christian University Fort Worth, Tex., and Merrill Roff University of Minnesota Minneapolis, Minn.	Peer Group Maladjustment in Childhood and Personality Development	September 1961 to August 1966
1352	Robert L. Spaulding University of Illinois Urbana, Ill.	Achievement, Creativity, and Self-Concept Correlates of Teacher-Pupil Transactions in Elementary School Classrooms	October 1961 to October 1962

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Project No.	*Investigator and location*	*Title*	*Duration*
1353	William Larson and others University of Southern California Los Angeles, Calif.	Critical Factors in Adolescence: Intra-Family Relationships and Differential School Adjustment	April 1962 to September 1963
1355	Saxton Pope and Nevitt Sanford Stanford University Stanford, Calif.	Dynamics of Personality Development During the College Years	August 1961 to June 1966
1356	Kathryn A. Blake University of Georgia Athens, Ga.	Studies of the Effects of Systematic Variations of Certain Conditions Related to Learning, (III) Task Conditions	September 1961 to June 1964
1359	Lloyd E. McCann University of Arizona Tucson, Ariz.	Legal Problems in the Administration of Education by Educational and Noneducational Government Agencies	September 1961 to August 1963
1361	Murray Wax Emory University Atlanta, Ga.	Formal Education in an American Indian Community	August 1962 to January 1963
1365	Joseph T. Sutton Stetson University DeLand, Fla.	Individualizing Junior High School Mathematics Instruction	September 1961 to February 1963
1368	Robert H. Mathewson and John W. Orton City University of New York New York, N.Y.	Development of Instruments for Eliciting and Evaluating Vocational Imagery	September 1961 to September 1962
1370	Ray H. Bixler and Emerson Foulke University of Louisville Louisville, Ky.	Comprehension of Rapid Speech by the Blind, Part II	September 1961 to August 1963
1373	Richard Alpert Harvard University Cambridge, Mass.	Program Development for Longitudinal and Cross-Sectional Research in Shaping Intellectually Linked Motives	February 1962 to January 1963
1382	Sidney J. Blatt Yale University New Haven, Conn.	Effects of Test Anxiety and Instructional Context of Problem Solving	October 1961 to September 1962
1383	Howard L. Roy and Jerome D. Schein Gallaudet College Washington, D.C.	New Methods of Language Development in Deaf Children	September 1961 to August 1963
1391	Philip Lambert University of Wisconsin Madison, Wis.	Classroom Interaction, Pupil Achievement and Adjustment in Team Teaching as Compared with the Self-Contained Classroom	September 1961 to February 1964
1393	Donald Super Teachers College Columbia University New York, N.Y.	Floundering and Trial After High School	September 1961 to September 1964
1394	Matthew J. Trippe George Peabody College for Teachers Nashville, Tenn.	Relationships Among Measures of Visual Perception and Hyperactivity in Elementary School Children	August 1962 to July 1964

Project No.	*Investigator and location*	*Title*	*Duration*
1401	Patricia Minuchin, Barbara Biber, and Edna K. Shapiro Bank Street College of Education New York, N.Y.	Patterns of Mastery and Conflict Resolution at the Elementary School Level	December 1961 to November 1963
1402	Arthur A. Lumsdaine University of California Los Angeles, Calif.	Variables Differentiating Two Major Systems of Auto-Instructional Programing	September 1961 to February 1965
1411	Raymond B. Cattell University of Illinois Urbana, Ill.	General Relations of Changes of Interest and Personality to Changes of School Performance in Normal Children	September 1961 to August 1964
1412	Frank A. Pinner Michigan State University East Lansing, Mich.	Relationships Between High School Group Structures and the Development of Orientations Toward Public Affairs	September 1961 to June 1962
1413	John D. McNeil and Evan R. Keislar University of California Los Angeles, Calif.	Oral and Nonoral Methods of Teaching Reading by an Auto-Instructional Device	September 1961 to May 1962
1414	William K. Medlin University of Michigan Ann Arbor, Mich.	The Teacher as an Agent of Sociocultural Change in a Technically Underdeveloped Society	October 1961 to February 1965
1417	Carl R. Rogers University of Wisconsin Madison, Wis.	Relationship of Group Counseling to Subsequent Academic Performance at the College Level	September 1961 to August 1962
1422	Woodrow W. Hunter University of Michigan Ann Arbor, Mich.	Preretirement Education for the Hourly Rated Worker	September 1961 to August 1963
1440	Kai Jensen University of Wisconsin Madison, Wis.	Factors Influencing Learning and Problem-Solving Behavior in the Mentally Retarded	September 1961 to August 1966
1442	Herbert J. Klausmeier University of Wisconsin Madison, Wis.	Strategies of Learning and Efficiency of Concept Attainment by Individuals and Groups	August 1961 to July 1964
1443	Karl T. Hereford, Donald J. Leu, and Floyd G. Parker Michigan State University East Lansing, Mich.	Effect of School Building Environment on Personnel Interactions and Attitudes	June 1961 to December 1961
1449	Horacio J. A. Rimoldi and Joseph R. Devane Loyola University Chicago, Ill.	Training in Problem Solving	October 1961 to November 1962
1455	Sally W. Cassidy Wayne State University Detroit, Mich.	Impact of a High-Demand College in a Large University on Working Class Youth	February 1962 to July 1964
1459	Harriett A. Podel and Harold D. Carter University of California Berkeley, Calif.	Effects of Cognitive Set and the Variety of Relevant Experience on Concept Formation in Children	May 1962 to April 1963
1474	Finley Carpenter University of Michigan Ann Arbor, Mich.	Educability in Visualization of Objects in Space	March 1962 to March 1964

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1477	Sam L. Witryol University of Connecticut Storrs, Conn.	Development of Incentive Values in Childhood	July 1962 to June 1964
1479	Simon Marcson Rutgers University New Brunswick, N.J.	Elementary Summer Schooling of Migrant Children	January 1962 to June 1964
1487	George H. Henry and John A. Brown University of Delaware Newark, Del.	Concept Development in the High School Classroom	June 1962 to August 1963
1493	Royce R. Ronning, Walter Stellwagon, and Lawrence H. Stewart University of California Berkeley, Calif.	Application of Multidimensional and Scale Analysis to Interest Measurement	February 1962 to January 1963
1495	LeRoy J. Peterson, Howard E. Wakefield, and Steward D. North University of Wisconsin Madison, Wis.	Economic Impact of State Support Models on Educational Finance	February 1962 to August 1963
1497	Arno A. Bellack and Joel R. Davitz Teachers College Columbia University New York, N.Y.	Meanings Communicated in High School Teaching	February 1962 to February 1963
1503	Benjamin Wright University of Chicago Chicago, Ill.	Student and First-Year Teachers—Attitudes Toward Self and Others	March 1962 to March 1966
1511	Wallace H. Maw University of Delaware Newark, Del.	Personal and Social Variables Differentiating Children with High and Low Curiosity	March 1962 to August 1963
1517	Allen Kent and Jessica S. Melton Western Reserve University Cleveland, Ohio	Identification of Sources of Educational Research Materials	January 1962 to September 1962
1521	Eugene R. Long, Jr. University of North Carolina Chapel Hill, N.C.	The Effect of Programed Instruction in Special Skills During the Preschool Period on Later Ability Patterns and Academic Achievement	July 1962 to October 1965
1523	Dwight L. Burton Florida State University Tallahassee, Fla.	Effects of Frequency of Writing and Intensity of Teacher Evaluation Upon High School Students' Performance in Written Composition	February 1962 to January 1963
1524	Roy C. O'Donnell Mount Olive Junior College Mount Olive, N.C.	The Correlation of Awareness of Structural Relationships in English and Ability in Written Composition	February 1962 to January 1963
1527	Adele Franklin New York State Education Department and Board of Education, City of New York Albany, N.Y.	An Assessment of the All-Day Neighborhood School Program for Culturally Deprived Children	March 1962 to December 1964
1528	William McColly University of Wisconsin Madison, Wis.	Comparative Effectiveness of Composition Skill Learning Activities in the Secondary School	February 1962 to September 1963

Project No.	*Investigator and location*	*Title*	*Duration*
1529	Arthur H. Steinhaus George Williams College Chicago, Ill.	Teaching Neuromuscular Relaxation	April 1962 to January 1964
1530	Andrew Hendrickson Ohio State University Columbus, Ohio	The Role of Colleges and Universities in the Education of the Aged	February 1962 to January 1964
1533	John R. Peck University of Texas Austin, Tex.	Success of Young Adult Male Retardates	February 1962 to January 1964
1534	Douglas D. Sjogren University of Nebraska Lincoln, Nebr.	Programed Materials in High School Correspondence Courses	February 1962 to May 1964
1537	John O. Crites State University of Iowa Iowa City, Iowa	Vocational Development in Adolescence	January 1962 to December 1964
1538	Charles Van Riper Western Michigan University Kalamazoo, Mich.	A Predictive Screening Test for Children With Articulatory Speech Defects	February 1962 to June 1966
1547	J. Richard Suchman University of Illinois Urbana, Ill.	Science Concept Development in the Elementary School Through Inquiry Training	September 1962 to August 1964
1549	Brenda McKeon Marymount College of Virginia Arlington, Va.	The Effect of an Enriched Basic Liberal Arts Program on the Educational Development of the Junior College Transfer Student	July 1962 to June 1964
1551	Philip B. Price and Calvin W. Taylor University of Utah Salt Lake City, Utah	Performance Measures of Physicians	February 1962 to August 1963
1566	Max Beberman University of Illinois Urbana, Ill.	A Comparison Between Two Kinds of Secondary Mathematics Courses With Respect to Intellectual Changes	February 1962 to November 1963
1568	James A. Robinson and Richard C. Snyder Northwestern University Evanston, Ill.	A Comparison of Simulation, Case Studies, and Problem Papers in Teaching Decision-Making	May 1962 to January 1964
1570	James W. Miller University of Hawaii Honolulu, Hawaii	Male Student Success in the Collegiate Early Admission Experiment	March 1962 to December 1962
1571	Edwin H. Hill University of Pittsburgh Pittsburgh, Pa.	Written Language Development of Intermediate Grade Children	January 1962 to June 1963
1574	Hilda Taba San Francisco State College San Francisco, Calif.	Thinking in Elementary School Children	June 1962 to January 1964
1575	C. B. Elam Texas Christian University Ft. Worth, Tex.	Stimulus Synthesis in Normal and Retarded Subjects	March 1962 to February 1964
1577	Ralph C. Wenrich University of Michigan Ann Arbor, Mich.	Vocational Education as Perceived by Different Segments of the Population	March 1962 to August 1963

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1584	Wallace J. Bonk University of Michigan Ann Arbor, Mich.	Use of Basic Reference Sources in Libraries	July 1962 to June 1963
1592	Comradge L. Henton Southern University Baton Rouge, La.	Relationships Between the Self-Concepts of Negro Elementary School Children and Their Academic Achievement, Intelligence, Interest, and Manifest Anxiety	May 1962 to April 1964
1594	Roger C. Thweatt Western State College Gunnison, Colo.	Development of a K Scale for the Motivational Test Battery	September 1962 to August 1963
1605	Roscoe A. Boyer and E. L. Murphree, Jr. University of Mississippi University, Miss.	The Use of a Computer To Plan School Bus Routes	June 1962 to May 1964
1607	Morvin A. Wirtz St. Louis County Schools Jefferson City and Missouri State Dept. of Education St. Louis, Mo.	Efficacy of Speech Therapy with Educable Mentally Retarded Children	April 1962 to October 1964
1616	Patrick Suppes Stanford University Stanford, Calif.	Development of Mathematical Concepts in Children	July 1962 to June 1967
1621	Carl R. Rogers University of Wisconsin Madison, Wis.	Interpersonal Attitudes of Adolescents	September 1962 to August 1963
1632	Elizabeth S. Maccia, George S. Maccia, and Robert E. Jewett Ohio State University Columbus, Ohio	Construction of Educational Theory Models	April 1962 to June 1963
1633	Harry Bornstein Gallaudet College Washington, D.C.	Evaluation of High School Mathematics Programed Texts as Used With Deaf Students	April 1962 to March 1964
1635	Gerald S. Lesser Hunter College New York, N.Y.	Mental Abilities of Children in Different Social and Cultural Groups	May 1962 to August 1963
1636	Wilbur B. Brookover, Don E. Hamachek, and Jean LePere Michigan State University East Lansing, Mich.	Improvement of Academic Achievement Through Students' Self-Concept Enhancement	April 1962 to September 1964
1640	B. Othanel Smith and Milton Meux University of Illinois Urbana, Ill.	Rule-Guided Behavior and Strategies in Teaching	September 1962 to August 1966
1641	Harry T. Weaver and Howard E. Carr Auburn University Auburn, Ala.	Computer Grading of Physics Laboratory Reports	May 1963 to September 1962
1646	Paul L. Dressel and Irvin J. Lehman Michigan State University East Lansing, Mich.	Changes in Critical Thinking, Attitudes, and Values Associated With College Attendance	April 1962 to June 1963

Project No.	*Investigator and location*	*Title*	*Duration*
1648	William G. Rhoads, Anson C. Piper, and John A. Brodbeck Williams College Williamstown, Mass.	Use of Radiophonic Teaching in Fundamental Education	May 1962 to January 1963
1650	Richard W. Woodcock Colorado State College Greeley, Colo.	Construction and Standardization of a Battery of Braille Skill Tests	July 1962 to December 1963
1672	Allen H. Barton Columbia University New York, N.Y.	Student Dishonesty and Its Control in College	June 1962 to December 1963
1676	William A. Brownell University of California Berkeley, Calif.	Arithmetical Abstractions: The Movement Toward Conceptual Maturity Under Differing Systems of Instruction	March 1962 to March 1967
1680	Robert H. Ennis Cornell University Ithaca, N.Y.	Critical Thinking Readiness in Grades 1 to 12	May 1962 to September 1964
1683	John A. Hostetler Pennsylvania State University University Park, Pa.	Education and Marginality in the Communal Society of the Hutterites	June 1962 to September 1965
1684	Merlin C. Wittrock and Evan R. Keislar University of California Los Angeles, Calif.	Transfer Through Minimal or Maximal Cueing of Mediated Responses	June 1962 to February 1964
1700	Albert J. Lott and Bernice E. Lott University of Kentucky Lexington, Ky.	Influence of Classroom Group Cohesiveness on Learning and Adherence to Standards	August 1962 to February 1964
1701	Laurence W. Knowles University of Louisville Louisville, Ky.	Historical Developments Affecting American Educational Processes	September 1962 to February 1965
1704	Lamore J. Carter, Bessie E. Dickerson, and Tilden LeMelle Grambling College Grambling, La.	Comparison of Two Methods of Teaching Remedial English to College Freshmen	September 1962 to August 1963
1714	Helen K. Smith University of Chicago Chicago, Ill.	Instruction of High School Students in Reading for Different Purposes	September 1962 to September 1965
1717	Ira J. Gordon University of Florida Gainesville, Fla.	Relationships Between Personality Variables and Classroom Behavior of Teaching Interns	October 1962 to January 1964
1726	Walter S. Watson The Cooper Union Cooper Square New York, N.Y.	Logical Analysis Skill as a Tool for Career Guidance	August 1962 to June 1967
1731	Wilbur Moore and Clarence E. Webb Central Michigan University Mt. Pleasant, Mich.	Procedures for Evaluating the Hearing of the Mentally Retarded	August 1962 to July 1963

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1734	Kenneth U. Gutsch University of Southern Mississippi Hattiesburg, Miss.	Objective Measurement in Instrumental Music Performance	August 1962 to August 1964
1738	Henry L. Leonard New School for Social Research New York, N.Y.	Teacher and Student Roles in Adult Education	June 1962 to June 1965
1743	Allen Kent Western Reserve University Cleveland, Ohio	Effectiveness of a Pilot Information Service for Educational Research Materials	September 1962 to September 1963
1745	Gilbert K. Krulee Northwestern University Evanston, Ill.	Influence of Identity Processes on Student Behavior and Occupational Choice	September 1962 to December 1965
1746	Donald R. Bateman and Frank J. Zidonis Ohio State University Columbus, Ohio	The Effect of the Knowledge of a Generative Grammar Upon the Growth of Language Complexity	August 1962 to September 1964
1748	Irvin L. Child Yale University New Haven, Conn.	Development of Sensitivity to Esthetic Values	September 1962 to August 1964
1750	Jack Erwin Tohtz and Gerhard Lang Fairleigh Dickinson University Teaneck, N.J.	Out-of-Class Programed Instruction Compared With Conventional Homework Assignments in Teaching Expository Writing in Freshman English	August 1962 to July 1963
1755	Theodore L. Harris, Virgil E. Herrick, and G. Lawrence Ravick University of Wisconsin Madison, Wis.	Experimental Development of Variability in Reading Rate	September 1962 to August 1964
1757	Desmond L. Cook Ohio State University Columbus, Ohio	The Impact of the "Hawthorne Effect" in Experimental Designs in Educational Research	September 1962 to January 1966
1758	Edgar Z. Friedenberg Brooklyn College Brooklyn, N.Y.	Influence of *Ressentiment* on Student Experience in Secondary School	August 1962 to June 1965
1759	Robert E. Agger University of Oregon Eugene, Oreg.	Educational Innovations in the Community	September 1962 to August 1965
1765	Roland J. Pellegrin and Keith Goldhammer University of Oregon Eugene, Oreg.	Educational Decision-Making in the Local Community	September 1962 to August 1964
1766	Jack W. Birch University of Pittsburgh Pittsburgh, Pa.	Effect of Size of Type on the School Achievement of Visually Handicapped Children	August 1963 to July 1965
1769	Jack W. Birch and E. Ross Stuckless University of Pittsburgh Pittsburgh, Pa.	Relationship Between Early Manual Communication and Later Achievement of the Deaf	March 1963 to February 1964

Project No.	*Investigator and location*	*Title*	*Duration*
1770	Rachel Inselberg Carnegie Institute of Technology Pittsburgh, Pa.	Personality Attributes Associated With Various Mechanisms of Masculine Identification	August 1962 to May 1964
1772	Harold L. Wise Western Reserve University Cleveland, Ohio	Structural Analysis of Educational Research for Information Retrieval	February 1963 to August 1964
1781	Robert F. Peck University of Texas Austin, Tex.	Personality, Teacher Education, and Teaching Behavior	September 1962 to June 1967
1790	Richard C. Anderson University of Illinois Urbana, Ill.	Shaping Logical Behavior in Six- and Seven-Year-Olds	September 1962 to February 1964
1796	Eugene Litwak University of Michigan Ann Arbor, Mich.	Relationship Between School-Community Coordinating Procedures and Educational Motivation and Behavior of School Children	August 1962 to July 1965
1810	Philip B. Daniels Brigham Young University Provo, Utah	Thinking Strategies To Facilitate Problem Solving	September 1962 to January 1964
1816	Angus Campbell University of Michigan Ann Arbor, Mich.	Public Concepts of the Costs and Utility of Higher Education	August 1962 to October 1963
1826	Ruby Kelly Connecticut State Department of Education Westport Public Schools Hartford, Conn.	A Study To Identify the Content of Linguistically Based Grammar Instruction of a Junior High School	June 1962 to June 1963
1828	Rashid Bashshur, Ralph V. Smith, and Stanley E. Flory Eastern Michigan University Ypsilanti, Mich.	Community Structure and Support of Public Schools	July 1962 to September 1963
1838	Lucy Rau, Lucille B. Mlodnosky, and Nicholas Anastasiow Stanford University Stanford, Calif.	Child Rearing Antecedents of Achievement Behaviors in Second-Grade Boys	September 1962 to December 1963
1846	Paul S. Burnham Yale University New Haven, Conn.	Thirty-Year Followup of Male College Students	September 1962 to December 1964
1849	O. E. Thompson University of California Davis, Calif.	Values of High School Students and Their Teachers	September 1962 to July 1966
1853	James Maloon University of Michigan Ann Arbor, Mich.	Financial Analysis of Current Operations of Colleges and Universities	December 1962 to January 1965
1854	Benjamin S. Bloom University of Chicago Chicago, Ill.	Cross National Study of Educational Attainment: Secondary School Mathematics	September 1962 to February 1966

Project No.	*Investigator and location*	*Title*	*Duration*
1856	Henry L. Smith, Jr., and Henry J. Sustakoski State University of New York Buffalo, N.Y.	Comparison of the Effectiveness of Linguistically Oriented and Traditional Methods of English Instruction	October 1962 to December 1964
1863	Frank J. McGuigan Hollins College Hollins, Va.	Silent Speech During Silent Reading	June 1962 to June 1964
1866	Harold Proshansky and Ronald Lippitt University of Michigan Ann Arbor, Mich.	Work, Play, Competence, and Occupational Conceptions of Secondary School Students	August 1962 to August 1964
1867	Arthur R. Jensen University of California Berkeley, Calif.	Individual Differences in Learning: Interference Factor	September 1962 to September 1964
1869	Hale C. Reid Cedar Rapids Public Schools and State University of Iowa Iowa City, Iowa	Evaluation of Five Methods of Teaching Spelling in Grades 2 and 3	August 1962 to October 1963
1874	Kenneth Beittel Pennsylvania State University University Park, Pa.	Effect of Self-Reflective Training in Art on the Capacity for Creative Action	October 1962 to December 1964
1877	Edward C. Caterette and Margaret H. Jones University of California Los Angeles, Calif.	The Growth of Patterning in Children's Language	October 1962 to September 1964
1891	Samuel Levine and Leo F. Cam San Francisco State College San Francisco, Calif.	Development of a Personal Social and Vocational Scale for the Mentally Retarded	
1898	Charles B. Huelsman, Jr. Ohio State University Columbus, Ohio	The Influence of Vision Training Upon the Subsequent Reading Achievement of Fourth-Grade Children	January 1963 to January 1964
1903	Irving H. Anderson University of Michigan Ann Arbor, Mich.	Comparison of Reading, Writing, and Spelling Achievement Among Groups of English, Scottish, and American Children	April 1963 to March 1964
1910	Ina McD. Bilodeau Tulane University New Orleans, La.	Effects of Generalizing in Learning	February 1963 to January 1966
1913	Glen G. Eye and James M. Lipham University of Wisconsin Madison, Wis.	Relationship Between Instructional Change and the Extent to Which School Administrators and Teachers Agree on the Location of Responsibilities for Administrative Decisions	September 1963 to August 1966
1919	Malcolm R. Westcott Vassar College Poughkeepsie, N.Y.	Antecedents and Consequences of Intuitive Thinking	January 1963 to December 1967
1921	Leslie F. Malpass and Margaret B. Fisher University of South Florida Tampa, Fla.	Comparison of Programed and Standard Textbooks in College Instruction	January 1963 to December 1963

Project No.	*Investigator and location*	*Title*	*Duration*
1924	Charles Y. Glock University of California Berkeley, Calif.	Vocational Analysis of Male College Graduates in Liberal Arts	March 1963 to January 1965
1926	Theodore M. Newcomb Bennington College Bennington, Vt.	Deviant Subcultures on a College Campus	February 1963 to October 1963
1928	Melvin M. Tumin Princeton University Princeton, N.J.	Education, Social Class, and Intergroup Activities	December 1962 to September 1963
1929	Wallace A. Kennedy and Herman C. Willcutt Florida State University Tallahassee, Fla.	Motivation of School Children	January 1963 to December 1963
1931	Sidney J. Blatt and Joel Allison Yale University New Haven, Conn.	Nonintellective Factors in Cognitive Efficiency	January 1963 to June 1965
1934	Ronald G. Corwin Ohio State University Columbus, Ohio	The Development of an Instrument for Examining Staff Conflicts in the Public Schools	January 1963 to January 1964
1935	Paul Wallin Stanford University Stanford, Calif.	Social Class Background of Eighth-Grade Pupils: Social Class Composition of Their Schools, Their Academic Aspirations, and School Adjustment	January 1963 to June 1964
1938	Theodore M. Newcomb and Gerald Gurin University of Michigan Ann Arbor, Mich.	Developmental Characteristics of Entering Students as Conditioners of Subsequent College Experiences	February 1963 to January 1965
1941	George C. Mallinson Western Michigan University Kalamazoo, Mich.	Factors Affecting College Students' Achievement	July 1963 to December 1967
1944	Lorne H. Wollatt New York State Education Department Albany, N.Y.	Comparison Between Students From Two- and Four-Year Colleges	April 1963 to September 1968
1948	Richard L. Wing Board of Cooperative Educational Services Westchester County, New York, and New York State Education Department Albany, N.Y.	Use of Technical Media for Simulating Environments to Provide Individualized Instruction	February 1963 to February 1965
1956	William H. Allen University of Southern California Los Angeles, Calif.	Visual and Audio Presentation of Programed Instruction To Be Used in Teaching Machines	February 1963 to January 1965
1962	N. L. Pielstick Northern Illinois University DeKalb, Ill.	Curiosity Arousal and Its Effects on Learning	January 1963 to February 1964

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1963	Russel F. Green and Juan N. Martinez University of Puerto Rico Rio Piedras, Puerto Rico	Standardization of a Spanish-Language Adult Intelligence Scale	June 1963 to December 1966
1967	Elizabeth K. Starkweather Oklahoma State University Stillwater, Okla.	Conformity and Nonconformity as Indicators of Creativity in Preschool Children	February 1963 to January 1964
1969	James T. Robinson, Arthur R. King, Jr., and John A. Brownell Claremont University College Claremont, Calif.	Understandings of BSCS Biology Students as Determined by Instructional Tests	January 1963 to December 1964
1972	William D. Hedges and Mary Ann MacDougall University of Virginia Charlottesville, Va.	A Comparison of Three Methods of Teaching Elementary School Science Involving Programed Learning	February 1963 to June 1964
1974	Paul F. Lazarsfeld Columbia University New York, N.Y.	The Organization of Educational Research in the United States	April 1963 to March 1965
1976	J. P. Guilford University of Southern California Los Angeles, Calif.	Measurement of Social Intelligence	January 1963 to December 1965
1979	Lynn W. McGraw University of Texas Austin, Tex.	Resistive Exercises in the Development of Muscular Strength and Endurance	January 1963 to August 1963
1980	Nadine M. Lambert California State Department of Education Sacramento, Calif.	Prediction of School Adjustment	January 1963 to August 1963
1983	Ruth Beckey Irwin Ohio State University Columbus, Ohio	Audiovisual Test for Evaluating the Ability To Recognize Phonetic Errors	January 1963 to January 1964
1987	Leonard P. Landry Colorado State College Greeley, Colo.	High School Grammar Composition: Demonstrating a Correlation of the Traditional and Structural Methods of Language Analysis	January 1963 to November 1964
1989	Anthony L. Tovatt Ball State Teachers College Muncie, Ind.	Oral, Aural, Visual Stimuli Approach to Teaching Written Composition to Ninth-Grade Students	June 1963 to January 1967
1991	Paul R. Hanna and Lee L. Jacks Stanford University Stanford, Calif.	Phonome Grapheme Relationships Basic to Cues for Improvement of Spelling	January 1963 to October 1964
1993	Joseph T. Sutton and Eliot D. Allen Stetson University Deland, Fla.	The Effect of Practice and Evaluation on Improvement in Written Composition	January 1963 to February 1964
1994	James R. Squire University of Illinois Urbana, Ill.	A Study of English Programs in Selected High Schools Which Do and Do Not Consistently Educate Outstanding Students	February 1963 to August 1965

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1996	Neal F. Johnson Ohio State University Columbus, Ohio	Sequential Characteristics of Language	January 1963 to January 1965
1998	Kellogg W. Hunt Florida State University Tallahassee, Fla.	Differences in Grammatical Structures Written at Three Grade Levels, the Structures To Be Analyzed by Transformational Methods	January 1963 to June 1964
1999	James S. Coleman Johns Hopkins University Baltimore, Md.	Sources of Educational Climates in High Schools	February 1963 to January 1966
2010	Gayle B. Childs University of Nebraska Lincoln, Nebr.	Advanced Placement Program in High School Correspondence Study	February 1963 to December 1965
2011	Harry Singer University of California Riverside, Calif.	An Investigation of the Changes That Accompany the Development of General Reading Ability at the Elementary School Level	February 1963 to February 1965
2016	Erwin J. Lotsof and William H. James Northern Illinois University DeKalb, Ill.	Parental Attitudes Toward School Achievement and Children's Performance in School Subjects	September 1963 to August 1966
2018	Donald M. Miller and Philip Lambert University of Wisconsin Madison, Wis.	The Elementary School Teacher's Viewpoint of Teaching as Influenced by Classroom Organization	September 1963 to February 1966
2021	Kaoru Yamamoto Kent State University Kent, Ohio	Creative Thinking Abilities and Peer Conformity in Fifth-Grade Children	September 1963 to March 1965
2023	Arno A. Bellack Teachers College Columbia University New York, N.Y.	The Language of the Classroom: Meanings Communicated in High School Teaching, Part II	September 1963 to September 1964
2024	Hayden L. V. Anderson Maine State Department of Education Augusta, Maine	Part-time Assignment of Women in Teaching	May 1963 to April 1964
2035	Robert E. Silverman New York University New York, N.Y.	The Reinforcing Effects of Two Types of Confirmation in Programed Instruction	July 1963 to September 1964
2047	Joseph Payne University of Michigan Ann Arbor, Mich.	Self-Selected Mathematics Learning Activities in Grades Seven and Eight	June 1963 to December 1964
2048	William J. Schill University of Illinois Urbana, Ill.	Curricula Content for Technical Education	June 1963 to November 1964
2049	George Thaddeus Jones Catholic University Washington, D.C.	Symbols Used in Music Analysis	June 1963 to December 1964
2050	Jerome Moss, Jr. University of Minnesota Minneapolis, Minn.	The Influence of Industrial Arts Experience on Grades Earned in Posthigh School Trade and Technical Curriculums	July 1963 to November 1965

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2055	Walter L. Slocum Washington State University Pullman, Wash.	Aspirations of Farm Boys and Girls	September 1963 to June 1966
2065	John K. Folger Florida State University Tallahassee, Fla.	A Study of Education and the Social Structure	June 1963 to September 1964
2071	Bernard Goldstein Rutgers University New Brunswick, N.J.	Social and Cultural Factors Related to School Achievement	September 1963 to September 1965
2072	Joseph W. Eaton University of Pittsburgh Pittsburgh, Pa.	Comprehensive Informal Education for Adolescents: The Gadna Program	June 1963 to November 1966
2082	John R. Bormuth University of California Los Angeles, Calif.	Relationships Between Selected Language Variables to Comprehension and Comprehension Ability and Difficulty	June 1963 to August 1964
2083	Donald L. Cleland University of Pittsburgh Pittsburgh, Pa.	Vocalism in Silent Reading	October 1963 to September 1966
2096	Norman E. Wallen University of Utah Salt Lake City, Utah	Relationships Between Teacher Characteristics and Student Behavior, Part II	September 1963 to August 1964
2100	Joanna P. Williams University of Pennsylvania Philadelphia, Pa.	The Use of Program Instruction in the Development of Recognition Skills	June 1963 to August 1965
2101	O. L. Davis, Jr. Kent State University Kent, Ohio	Effectiveness of Using Graphic Illustrations With Social Studies Textual Materials	November 1963 to June 1965
2104	Elizabeth H. Rusk Michigan State University East Lansing, Mich.	Unified Academic and Professional Experiences in Language and Writing for the Preparation of Secondary School Teachers of English	September 1963 to June 1966
2107	Raven I. McDavid, Jr. University of Chicago Chicago, Ill.	Communication Barriers to the Culturally Deprived	September 1963 to November 1964
2108	John R. Willingham University of Kansas Lawrence, Kans.	A "Correspondence Tutorial" Method for Teaching Freshman English	September 1962 to February 1967
2109	Arthur A. Dole University of Hawaii Honolulu, Hawaii	Followup Studies of the Determinants of Educational Vocational Choices	June 1963 to August 1964
2110	Phillip B. Price and Calvin W. Taylor University of Utah Salt Lake City, Utah	Performance Measures of Physicians	June 1963 to December 1964
2117	R. P. Kropp and H. W. Stoker Florida State University Tallahassee, Fla.	The Construction and Validation of Tests of the Cognitive Processes as Described in the *Taxonomy of Educational Objectives*	September 1963 to August 1965
2123	Erick L. Lindman University of California Los Angeles, Calif.	State School Support and Municipal Government Costs	August 1963 to August 1964

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2129	Carl Bereiter University of Illinois Urbana, Ill.	Acceleration of Intellectual Development in Early Childhood	July 1963 to June 1966
2139	Gerald S. Lesser Hunter College New York, N.Y.	A Cross-Cultural Study of Adolescent Societies	October 1962 to October 1966
2141	Joseph L. French University of Missouri Columbia, Mo.	Effects of Test Item Arrangement on the Physiological and Psychological Behavior in Primary School Children	September 1963 to October 1964
2152	Benjamin H. Bailey and others West Virginia University Morgantown, W. Va.	Characteristics of High School Seniors as Related to College Attendance	September 1963 to May 1966
2160	David P. Campbell University of Minnesota Minneapolis, Minn.	A Study of College Freshmen—Twenty-Five Years Later	August 1963 to July 1964
2167	Leland L. Medsker University of California Berkeley, Calif.	Articulation Between Two-Year and Four-Year Colleges	June 1963 to April 1964
2169	George Stricker Goucher College Towson, Baltimore, Md.	Students' Views of the College Environment	August 1963 to September 1964
2171	John Robert French, Jr. University of Michigan Ann Arbor, Mich.	Work Load of University Professors	June 1963 to July 1964
2174	D. Gordon Rohman Michigan State University East Lansing, Mich.	Construction and Application of Models for Concept Formation in Writing	June 1963 to December 1964
2177	Robert L. Gibson University of Toledo Toledo, Ohio	A Comparative Study of the Academic Achievements of Elementary Age Students of the United States and the British Isles	June 1963 to August 1964
2182	Albert B. Hood University of Minnesota Minneapolis, Minn.	What Type of College for What Type of Student	July 1963 to June 1965
2188	Ross M. Jewell State College of Iowa Cedar Falls, Iowa	The Effectiveness of College-Level Instruction in Freshman Composition	September 1963 to January 1967
2189	Charles Nilon University of Colorado Boulder, Colo.	The Integration, Storage, and Retrieval of Bibliographical Data in English Studies	September 1963 to August 1965
2196	R. C. Winkler and Paul F. Munger University of North Dakota Grand Forks, N. Dak.	Counseling and Guidance for the Underachieving Fourth-Grade Students	September 1963 to September 1964
2199	Horacio J. A. Rimoldi Loyola University Chicago, Ill.	Problem Solving in High School and College Level Students	June 1963 to July 1964
2202	Forrest L. Vance University of Minnesota Minneapolis, Minn.	Clinical Versus Actuarial Prediction of College Achievement and Leadership Activity	July 1963 to June 1964

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2207	John H. Gaeth Wayne State University Detroit, Mich.	Verbal and Nonverbal Learning in Children Including Those With Hearing Losses	September 1963 to August 1966
2209	Royce R. Ronning University of California Berkeley, Calif.	Multidimensional Analysis of an Experimental Measure of Interest	July 1963 to June 1964
2213	Carl S. Johnson and Charles A. Dambach Ohio State University Columbus, Ohio	Survey of Printed Materials on Conservation Education	October 1963 to September 1963
2220	Mildred C. Templin University of Minnesota Minneapolis, Minn.	Longitudinal Study Through the Fourth Grade of Language Skills of Children with Varying Speech Sound Articulation in Kindergarten	June 1963 to December 1965
2221	Samuel T. Mayo Loyola University Chicago, Ill.	Preservice Preparation of Teachers in Educational Measurement	July 1963 to June 1967
2225	Joseph M. Wepman University of Chicago Chicago, Ill.	School Achievement as Related to Developmental Speech Inaccuracy	July 1963 to June 1967
2233	Douglas D. Sjogren and Allan B. Knox University of Nebraska Lincoln, Nebr.	The Influence of Speed and Prior Knowledge on Adult Learning	October 1963 to October 1965
2234	Quentin C. Stodola North Dakota State University Fargo, N. Dak.	Frequent Classroom Testing as a Learning Aid, Using Data Processing	June 1963 to October 1964
2235	Malcolm H. Robertson Western Michigan University Kalamazoo, Mich.	The Use of Sensory Deprivation as a Method of Stimulating Original Thinking in College Students	June 1963 to June 1964
2243	Harriett A. Podel and Arthur R. Jensen University of California Berkeley, Calif.	Development of Concept Formation in Children	July 1963 to June 1965
2245	Richard H. Bloomer University of Connecticut Storrs, Conn.	The Cloze Procedure as a Tool for Analysis of Verbal Learning and Retention	August 1963 to January 1965
2250	Robert M. Smith University of Florida Gainesville, Fla.	The Relationship of Creativity to Social Class	November 1963 to July 1965
2258	Beverly Duncan University of Michigan Ann Arbor, Mich.	Family Factors and the Dropout: 1920 to 1960	July 1963 to September 1965
2266	Robert H. Shaffer Indiana University Bloomington, Ind.	Foreign Students and Their American Friends	September 1963 to September 1965
2270	Herbert Zimiles Bank Street College of Education New York, N.Y.	The Development of Differentiation and Conservation of Number	July 1963 to June 1965

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2273	Robert A. Campbell Pennsylvania State University University Park, Pa.	Effects of Field-Oriented Versus Job-Oriented Technical Retraining on Manpower Utilization of the Unemployed	February 1964 to June 1968
2277	Gabriel Della-Piana University of Utah Salt Lake City, Utah	Sequence Characteristics of Text Materials and Transfer of Learning	August 1963 to December 1965
2284	Arnold Bond Woodruff Northern Illinois University DeKalb, Ill.	Methods of Programed Instruction Related to Student Characteristics	July 1963 to June 1965
2288	Frederick R. Cyphert Ohio State University Columbus, Ohio	Development of Taxonomy for the Classification of Teacher Classroom Behavior	September 1963 to May 1965
2299	Milton A. Valentine and Rita S. Seiss University of Colorado Boulder, Colo.	A Speech and Reading Enrichment Program	September 1963 to October 1964
2306	Sidney L. Pressey and John R. Kinzer University of Arizona Tucson, Ariz.	The Effectiveness of Adjunct Auto-Instruction	August 1963 to September 1964
2311	T. J. Kallsen Stephen F. Austin State College Nacogdoches, Tex.	Teachers' Use of Dictating Machines To Improve the Written Composition of College Students	September 1963 to October 1964
2321	Robert L. Green Michigan State University East Lansing, Mich.	The Educational Status of Children in a District Without Public Schools	April 1963 to June 1964
2333	John C. Flanagan University of Pittsburgh Pittsburgh, Pa.	Project Talent Data Analysis and Followup Studies	May 1963 to August 1965
2334	John C. Flanagan University of Pittsburgh Pittsburgh, Pa.	The Use of Standardized Ability Tests in American Public Schools and Their Impact on Students, Teachers, and Administrators	May 1963 to May 1964
2337	John H. Tibbitt and Urban H. Fleege DePaul University East Jackson, Ill.	Montessori Preschool Education	June 1963 to August 1964
2339	Wilbert J. McKeachie University of Michigan Ann Arbor, Mich.	Characteristics of Effective College Teaching	July 1963 to June 1968
2341	Peter J. Elich, Charles W. Harwood, and Herbert C. Taylor Western Washington State College Bellingham, Wash.	Independent Study in the Psychological Foundation of Education	September 1963 to June 1966
"A"	Jerome Bruner Harvard University Cambridge, Mass.	The Development of Designs for Curriculum Research	September 1959 to January 1960

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"B"	Donald Donley and Robert Lorette College of Education State University of New York Albany, N.Y.	The Investigation of a Method for the Dissemination of Educational Research Findings to Practitioners	October 1959 to September 1961
"C"	Wade M. Robinson Harvard University Cambridge, Mass.	Methods for Disseminating Research Information to School Personnel	December 1959 to June 1961
"D"	Robert L. Thorndike Teachers College Columbia University New York, N.Y.	The Concepts of Over- and Under-Achievement	June 1960 to June 1961
D–005	Patrick Suppes Stanford University Stanford, Calif.	Experimental Teaching of Mathematical Logic to Talented Fifth and Sixth Graders	August 1961 to September 1963
D–009	Miriam L. Goldberg and A. Harry Passow Teachers College Columbia University New York, N.Y.	Accelerated and Enriched Curriculum Programs for Academically Talented Students (Mathematics)	October 1961 to December 1965
D–010	Jack W. Birch University of Pittsburgh Pittsburgh, Pa.	A Field Demonstration of the Effectiveness and Feasibility of Early Admission to School for Mentally Advanced Children	November 1961 to June 1964
D–014	Burton Blatt Boston University Boston, Mass.	A Field Demonstration of the Effects of Automated and Nonautomated Responsive Environments on the Intellectual and Social Competence of Educable Mentally Retarded Children	September 1961 to August 1964
D–022	Robert B. Davis Syracuse University Syracuse, N.Y.	A Modern Mathematics Program as It Pertains to the Interrelationship of Mathematical Content, Teaching Methods, and Classroom Atmosphere (The Madison Project)	September 1961 to October 1962
D–040	Benjamin Cohn New York State Education Department Albany, N.Y.	The Effects of Group Counseling on School Adjustment of Under-Achieving Junior High School Boys Who Demonstrate Acting-Out Behavior	October 1961 to September 1963
D–041	Charles V. Matthews and Edward M. Griffin Southern Illinois University Carbondale and Edwardsville, Ill.	Demonstration: An Educational Program for Slow Learners in Grades Seven Through Twelve	July 1, 1963 to August 1965
D–044	Robert B. Davis Syracuse University New York, N.Y.	A Modern Mathematics Program as It Pertains to the Interrelationship of Mathematical Content, Teaching Methods, and Classroom Atmosphere (The Madison Project), Part II	September 1962 to September 1963
D–050	Alvin Grossman California State Department of Education Sacramento, Calif.	Data Processing for Pupil Personnel and Curricular Services	September 1962 to July 1965
D–054	William M. Cooper Norfolk Division of Virginia State College Norfolk, Va.	Reeducation of Unemployed and Unskilled Workers	September 1962 to February 1965

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D–067	George Hillocks, Jr. Euclid Public Schools and State Department of Public Instruction Columbus, Ohio	A Comprehensive Program in English for the Seventh, Eighth, and Ninth Grades: Literature, Language, Composition for Honor Students and Average Students	June 1963 to June 1964
D–068	William D. Sheldon Syracuse University Syracuse, N.Y.	A Center for Demonstrating the Teaching of Reading to Students in Grades 7 to 12	May 1963 to August 1966
D–072	Paul D. Plauman and Joseph P. Rice California State Department of Education Sacramento, Calif.	Demonstration of Differential Programing in Enrichment, Acceleration, Counseling, and Special Classes for Gifted Pupils in Grades 1 to 9	April 1963 to December 1966
D–076	David M. Jackson—Part I University of Illinois Urbana, Ill. J. Richard Suchman—Part II State Department of Public Instruction Springfield, Ill.	Part I—Secondary School Programs for Gifted Students in English, Social Science, and Mathematics Part II—Elementary School Programs in Scientific Inquiry for Gifted Students	April 1963 to December 1966
D–093	Robert B. Davis Webster College St. Louis, Mo.	A Modern Mathematics Program as It Pertains to the Interrelationship of Mathematical Content, Teaching Methods, and Classroom Atmosphere (The Madison Project)	September 1963 to September 1965
D–098	Donald L. Thistlethwaite Vanderbilt University Nashville, Tenn.	Effects of College Upon Student Aspirations	June 1963 to August 1964
D–102	Neil M. Postman New York University New York, N.Y.	Demonstration of Linguistics Programs in Secondary Schools	September 1963 to June 1966
D–104	Mark Schorer University of California Berkeley, Calif.	Development of Kinescopes for Teaching 10th-Grade Literature Composition	June 1963 to February 1964
"E–1"	Daniel E. Griffiths Teachers College Columbia University New York, N.Y.	The Job Performance of School Administrators: A Research Development Project	October 1960 to June 1961
"E–2"	Elizabeth M. Drews Michigan State University East Lansing, Mich.	A Study of Nonintellectual Factors in Superior, Average, and Slow High School Students	December 1960 to June 1961
"E–3"	Morris I. Stein New York University New York, N.Y.	Survey of the Psychological Literature in the Area of Creativity With a View Toward Needed Research	September 1961 to August 1962
E–004	Richard Braddock The State University of Iowa Iowa City, Iowa	Synthesis of Research on the Teaching and Learning of Composition With Suggestions for Research	April 1962 to May 1963
E–005	Ruth G. Strickland Indiana University Bloomington, Ind.	The Contribution of Structural Linguistics to the Teaching of Reading, Writing, and Grammar	April 1962 to September 1963

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E–006	John R. P. French, Jr. The University of Michigan Ann Arbor, Mich.	Self-Actualization and the Utilization of Talent	May 1962 to November 1962
E–007	Winthrop N. Francis Brown University Providence, R.I.	A Standard Sample of Present-Day English for Use With Digital Computers	February 1963 to August 1964
E–014	Egon G. Guba Ohio State University Columbus, Ohio	Development of a National Register of Educational Researchers	September 1963 to September 1964
E–016	Erwin H. Schneider Ohio State University Columbus, Ohio	Evaluation and Synthesis of Research Studies Relating to Music Education	September 1963 to September 1965
"F–1"	William B. King University of Georgia Athens, Ga.	Survey of the Status of Research in Guidance and Counseling	January 1961 to February 1961
"F–2"	Jack A. Culbertson Ohio State University Columbus, Ohio	Research in Educational Administration	April 1961 to April 1962
F–006	James J. Gallagher University of Illinois Urbana, Ill.	A Conference on Research on the Education of Gifted Children	May 1962 to January 1963
F–007	Erwin R. Steinberg Carnegie Institute of Technology Pittsburgh, Pa.	Needed Research in the Teaching of English	May 1962 to October 1962
F–008	Esther Loyd-Jones Teachers College Columbia University New York, N.Y.	Research Development Conference To Stimulate Research in Guidance	November 1962 to September 1963
F–010	R. L. Schiefelbusch University of Kansas Lawrence, Kans.	Research Planning Conference in Speech and Hearing for Mentally Retarded Children	March 1963 to February 1964
F–014	Roy A. Price Syracuse University Syracuse, N.Y.	Needed Research in the Teaching of the Social Studies in Elementary and Secondary Schools	May 1963 to January 1964
F–015	Frederick R. Cyphert Ohio State University Columbus, Ohio	Conference on Teacher Education	September 1963 to May 1964
F–016	Robert R. Sears Stanford University Stanford, Calif.	Research Seminar on Children's Learning	June 1963 to December 1963
F–017	A. Stafford Clayton Indiana University Bloomington, Ind.	Historical and Social Determinants of Public Education Policy in the United States	August 1963 to January 1965
F–019	Richard C. Atkinson Stanford University Stanford, Calif.	Research Conference on Learning and Educational Process	September 1963 to September 1964
F–025	David H. Russell University of California Berkeley, Calif.	National Conference on Research in the Teaching of English	November 1963 to April 1964
F–026	John I. Goodlad University of California Los Angeles, Calif.	Application of Electronic Data Processing Methods in Education	November 1963 to May 1964

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"G–1"	R. Kenneth Wilcox University of Wisconsin Madison, Wis.	Strategies for Behaviorial Research in Mental Retardation	July 1961 to October 1961
G–004	John C. Gerber The State University of Iowa Iowa City, Iowa	An Independent Evaluation of the 1962 Summer Institute Program of the Commission on English of the College Entrance Examination Board With Recommendations for Future Institutes	June 1962 to June 1963
G–006	Robert W. Rogers University of Illinois Urbana, Ill.	The Allerton Park Conference on Research in the Teaching of English	November 1962 to April 1963
G–007	Stephen P. Hencley University of Illinois Urbana, Ill.	Research Seminar on Community Decision-Making and Change and Their Influence Upon Education	February 1963 to February 1964
G–008	Ruth G. Strickland Indiana University Bloomington, Ind.	A Seminar on Reading	January 1963 to May 1963
G–009	Louise M. Rosenblatt New York University New York, N.Y.	Research Development Seminar in Teaching of English	February 1963 to July 1963
G–010	Jerrold R. Zacharias, Frederick Burkhardt, and Elting Morison Massachusetts Institute of Technology Cambridge, Mass.	Planning Seminars for a Curriculum Reform Program in Social Studies and History	March 1963 to June 1963
G–011	B. J. Chandler and others Northwestern University Evanston, Ill.	Research Seminar on Teacher Education	April 1963 to July 1963
G–013	Claude U. Palisca Yale University New Haven, Conn.	Seminar on Music Education	May 1963 to August 1963
G–015	Robert D. Hess and Robert J. Havighurst University of Chicago Chicago, Ill.	Development of Cross-National Research on the Education of Children and Adolescents	October 1963 to October 1964
G–020	William C. Kvaraceus Tufts University Medford, Mass.	Negro Self-Concept: Implications for School and Citizenship	September 1963 to January 1964
G–021	John Niemeyer Bank Street College of Education New York, N.Y.	Seminar on Education for Culturally Different Youth	August 1963 to April 1964
H–001	Paul A. Olson University of Nebraska Lincoln, Nebr.	An Articulated Program in Composition (K to 13)	May 1962 to April 1967
H–003	Jean H. Hagstrum, Elderidge T. McSwain, and Stephen Dunning Northwestern University Chicago, Ill.	Curriculum Study Center in English and Related Fields	March 1962 to March 1967

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H–009	Stanley B. Kegler, Harold B. Allen, and Donald K. Smith University of Minnesota Minneapolis, Minn.	Preparation and Evaluation of Curricular Materials and Guides for English Language Study in Grades 7 to 12	July 1962 to June 1967
H–015	Erwin R. Steinberg and Robert C. Slack Carnegie Institute of Technology Pittsburgh, Pa.	The Development of a Sequential and Cumulative Program in English for Able College-Bound Students in the Senior High School, Grades 10 through 12	April 1962 to March 1966
H–022	Marjorie B. Smiley Hunter College New York, N.Y.	Development of Reading and English Language Materials for Grades 7 to 9 in Depressed Urban Areas	August 1962 to June 1967
H–023	Albert R. Kitzhaber University of Oregon Eugene, Oreg.	A Sequential Curriculum in Language, Reading, and Composition (Oral and Written), Grades 7 through 12	September 1962 to August 1967
H–026	Dwight L. Burton Florida State University Tallahassee, Fla.	A Curriculum Study Center To Develop and Test Approaches to Sequential Curriculums in Junior High School English	July 1963 to December 1967
H–029	Robert C. Pooley University of Wisconsin Madison, Wis.	A Sequential English Language Arts Curriculum in Linguistics, Logic, Semantics, Rhetoric, Composition and Literary Analysis, and Criticism for Grades K to 12	May 1963 to June 1967
HS–041	Edwin Fenton Carnegie Institute of Technology Pittsburgh, Pa.	A High School Social Studies Curriculum for Able Students	April 1963 to September 1967
HS–045	Edith West and others University of Minnesota Minneapolis, Minn.	Preparation and Evaluation of Social Studies Curriculum Guides and Materials for Grades K to 14	April 1963 to June 1967
HS–058	Donald W. Oliver Harvard University Cambridge, Mass.	A Law and Social Science Curriculum Based on the Analysis of Public Issues	June 1963 to May 1968
HE–078	J. W. Richard Lindemann University of Georgia Athens, Ga.	Developing Competency in Written Composition in Children from Kindergarten Through Elementary School by Means of Curricular Materials	July 1963 to June 1968
HE–080	Edward B. Jenkinson Indiana University Bloomington, Ind.	English Open to All Junior and Senior High School Students	August 1963 to August 1968
HS–081	Roy A. Price Syracuse University Syracuse, N.Y.	Identification of Major Social Science Concepts and Their Utilization in Institutional Materials	June 1963 to May 1968
HS–082	Meno Lovenstein and others Ohio State University Research Foundation Columbus, Ohio	Development of Materials in Economics for Secondary Schools	October 1963 to September 1966
HS–083	Jonathon C. McLendon Northwestern University Evanston, Ill.	Social Studies Curriculum Center: A Sequential Curriculum on American Society for Grades Five to Twelve	January 1964 to December 1968
HE–084	Gerald Dykstra Columbia University New York, N.Y.	Teaching English as a Second Language	June 1963 to November 1966
HS–085	Ella C. Leppert University of Illinois Urbana, Ill.	Development and Trial in Public Schools of the First Three Courses in a Sequential Social Studies Program for the Secondary School	August 1963 to December 1968

APPENDIX A

Principal Investigators

Principal investigators	*Project No.*
Abraham, Willard	185
Agger, Robert E	1759
Ainsworth, Stanley	171
Albers, Theodore	307
Alberty, Elsie J	320
Allen, Elliot D	1993
Allen, Harold B	H–009
Allen, William H	1956
Allison, Joel	1931
Alpert, Richard	1373
Anastasiow, Nicholas	1838
Anderson, Hayden L. V	2024
Anderson, Irving H	1163, 1903
Anderson, John O	176
Anderson, Richard C	1790
Andrew, Dean	008
Angell, Robert C	330
Annas, Philip A	382
Ascarelli, Anna	424, 916
Asher, E. J	613
Asher, J. William	1275
Atkinson, John W	1283
Baer, Clyde J	408
Bailey, Benjamin	2152
Baker, Frank B	1299
Barber, Carrol G	502
Bargmann, Rolf E	1132
Barker, Roger G	594
Barnette, W. L	1350
Barton, Allen H	1672
Bashshur, Rashid	1828
Bassett, Robert D	715
Bateman, Donald R	1746
Battig, William F	730
Beaird, James H	1253
Beardslee, David C	562, 1150
Beberman, Max	1566
Beeman, Ellen Y	149
Beier, Ernest G	1308
Beittel, Kenneth	1874
Bellack, Arno A	1497, 2023
Berdie, Ralph F	951
Bereiter, Carl	2129
Bettison, David	2329
Biber, Barbara	1401
Biddle, Bruce J	371, 1082
Bills, Robert E	591
Bilodeau, Ina M	1910
Birch, Jack W	1766, 1769, D–010
Bixler, Ray H	1005, 1370
Blake, Kathryn	470, 695, 1356
Blatt, Burton	D–014
Blatt, Sidney J	1382, 1931
Bledsoe, Joseph C	1008
Bloom, Benjamin S	1854
Bloom, Richard	753
Bloomer, Richard H	2245
Blum, Abraham H	266
Bond, Horace M	458
Bonk, Wallace J	1584
Borg, Walter R	577
Bormuth, John R	2082
Bornstein, Harry	1633
Bosdell, Betty J	1263
Bowerman, Charles E	1168
Bowers, Norman D	469
Bowin, William F	1193
Bowman, Paul H	200, 208, 1097
Boyd, G. R	672
Boyer, E. Gil	186
Boyer, Roscoe A	783, 1605
Boyle, Ruth	162
Braddock, Richard	E–004
Brandon, George L	629
Brauner, Charles J	245
Brittell, Robert W	1275
Brookover, Wilber B	845, 1636
Brooks, Melvin S	401
Brown, John A	1487
Brownell, John A	1969
Brownell, William A	1676
Bruner, Jerome	"A"
Bryan, Roy C	668
Bryne, Margaret C	620
Brzeinski, Joseph E	1134
Buck, Roy C	065
Burkhardt, Frederick	E–010
Burham, Paul S	1846
Burr, Samuel E., Jr	341
Burris, W. R	139
Burton, Dwight L	1523, H–026
Button, Henry W	1026
Cain, Leo F	109, 416, 589, 1891
Calandra, Alexander	403

Principal investigators	*Project No.*
Campbell, Angus	1816
Campbell, David P	1346, 2160
Campbell, Ernest Q	1168
Campbell, Robert A	2273
Cantor, Gordon N	076
Capobianco, Rudolph J	019, 081, 092
Carpenter, Finley	1474
Carrier, Neil A	578
Carriker, William R	146
Carroll, John B	217
Carter, Harold D	1459
Carter, Lamore J	1704
Carter, Richard F	308, 1039
Carterette, Edward C	1877
Cassidy, Sally W	1455
Cassidy, Viola	043
Cattell, Raymond B	701, 1411
Chandler, B. J	G–011
Charters, W. W., Jr	929
Child, Irvin L	669, 1748
Childs, Gayle B	2010
Chilman, Catherine S	961
Christian, Floyd T	1067
Clayton, A. Stafford	F-017
Cleland, Donald L	2083
Cline, Victor B	1107
Cohn, Bejamin	D-040
Coleman, James S	120, 1999
Colombotos, John L	330
Combs, Arthur W	814
Cook, Desmond	1757
Cook, John O	1242
Cook, Walter W	174, 686
Cooley, William W	436, 715, 896
Cooper, James G	477
Cooper, William M	D-054
Corwin, Ronald G	1934
Coster, John K	385
Cowley, W. H	245
Cox, Anna B	737
Crites, John O	805, 1537
Croft, Don B	543
Cruickshank, William M	018, 090, 127
Culbertson, Jack A	F–002
Curtis, Theodore	444
Cyphert, Frederick R	2288, F–015
Dambach, Charles A	2213
Damrin, Dora E	939
Daniels, Philip B	1810
Davidson, Kenneth S	624
Davis, Allison	542
Davis, Frederick B	297, 392
Davis, O. L., Jr	2101
Davis, Robert B	D–022, D–044, D–093
Davitz, Joel R	1497
deCharms, Richard	390
DeHaan, Robert F	697
de Jung, John	1182
Della-Piana, Gabriel M	864, 2277
Demming, John A	457
Denemark, George W	1091
Deutsch, Martin	908, 1099
Devane, Joseph R	1015, 1449
DiCarlo, Louis M	082
Dickerson, Bessie E	1704
Dole, Arthur A	757, 2109
Donley, Donald	"B"
Donlon, Edward T	470
Dressel, Paul L	372, 590, 1646
Drevdahl, John E	664
Drews, Elizabeth M	608, "E–2"
DuBois, Philip H	642, 1338
Duncan, Beverly	2258
Dunn, James	753
Dunn, Lloyd M	103
Dunning, Stephen	H–003
Durrell, Donald D	014, 407
Dykstra, Gerald	HE–084
Eaton, Joseph W	2072
Eckert, Ruth E	169, 557
Edson, William H	173
Edwards, T. Bentley	274, 379
Elam, Claude B	833, 1575
Elich, Peter J	2341
Ennis, Robert H	1680
Entwisle, Doris R	1203
Eye, Glen B	1913
Eyman, R. Merle	341
Farquhar, William W	846
Fattu, Nicholas A	419, 525
Feifer, Irwin	352
Fenton, Edwin	HS–041
Ferguson, LeRoy C	532
Fisher, Margaret B	1921
Flanagan, John C	226, 566, 635, 2333, 2334
Flanders, Ned A	397
Fleege, Urban H	2337
Fliegler, Louis A	018, 862
Floxy, Stanley E	1828
Folger, John K	2065
Ford, Roxana R	244
Foster, Julian F. S	729
Foulke, Emerson	1370
Fouracre, Maurice H	167
Francis, Robert J	152
Francis, Winthrop N	E–007
Franklin, Adele	1527
Freedman, Alfred M	1099
Freedman, Mervin B	736
French, John R., Jr	2171, E–006
French, Joseph L	2141
Friedenberg, Edgar Z	787, 1758
Furst, Edward J	HS–082
Gaeth, John H	289, 2207
Gallagher, James J	965, F–006

Principal investigators	*Project No.*
Gardner, Eric F	259A
Gardner, Sheldon F	1060
Garry, Ralph J	424, 916
Gaver, Mary V	489
Gerber, John C	G–004
Gerbner, George	876
Getzels, Jacob W	098
Gibson, Robert L	2177
Gilmore, Alden S	1267
Glaser, Robert	691, 1343
Glassow, Ruth B	696
Glock, Charles Y	1924
Goldberg, Miriam L	D–009
Goldhammer, Keith	1765
Goldman, Nathan	181
Goldstein, Herbert	619
Goodlad, John I	454, F–026
Goodman, Samuel M	148
Goodstein, Bernard	2071
Goodstein, Leonard D	805
Gordon, C. Wayne	1084
Gordon, Ira J	813, 1717
Graham, Leon R	212
Green, Robert L	2321
Green, Russel F	1963
Gribbons, Warren D	1221
Griffins, Edward M	D–041
Griffiths, Daniel E	214, "E–1"
Gross, Neal	714, 853
Grossman, Alvin	D–050
Gruber, Howard E	761
Guba, Egon G	E–014
Guetzkow, Harold	975
Guilford, J. P	737, 1342, 1976
Gurin, Gerald	1938
Gutsch, Kenneth U	1734
Hagan, Elizabeth P	574
Hagstrum, Jean H	H–003
Haller, Archie O	412
Halpin, Andrew W	543
Hamacheck, Don E	1636
Hampton, Nellie D	423, 614, 923
Hanley, Theodore D	492
Hanna, Paul R	1032, 1991
Hansen, Millard	1018
Hardy, Miles W	1267
Haring, Norris G	922, 1182
Haroutunian, Berj	368
Harris, Dale B	365
Harris, Theodore L	151, 263, 1755
Harshbarger, Boyd	1132
Harwood, Charles W	D–100
Hastings, J. Thomas	509, 702, 939
Hawley, Amos	330
Hebeler, Jean	018
Hedges, William D	1972
Hegge, Thorlief G	178
Heil, Louis M	352, 1153
Hemphill, John	214
Hencley, Stephen P	G–007
Hendrickson, Andrew	1530
Henry, George H	1487
Henton, Comradge L	1592
Hereford, Karl T	918, 1443
Herrick, Virgil E	151, 263, 1755
Hess, Robert D	542, 1078, G–015
Hewes, Robert E	336
Hilgendorf, Robert L	401
Hill, Edwin H	1571
Hillocks, George, Jr	D–067
Hilton, Thomas L	1046
Hirsch, Werner Z	1045
Hoffsommer, Harold C	748
Hollis, Ernest V	166
Holmes, Jack A	538
Homme, Lloyd E	691
Hood, Albert B	2182
Hostetler, John A	1683
Hoyt, Cyril J	244
Hoyt, K. B	160
Hudgins, Bryce B	798
Hudson, Margaret	155
Huelsman, Charles B., Jr	1898
Hughes, Marie M	353
Hummel, Raymond C	1057
Hunt, Kellogg W	1998
Hunter, W. W	1422
Iannaccone, Laurence	1026
Ikenberry, Stanley O	372
Inselberg, Rachel	1770
Irwin, Ruth B	1983
Isaacson, Robert L	805
Jacks, Lee L	1991
Jackson, David M	D–076
Jackson, Philip W	098
Jacoby, Beatrice F	690
Jaffe, A. J	1269
James, H. Thomas	803, 1241
James, William H	2016
Janowitz, Morris	330
Jensen, Arthur R	1867, 2243
Jensen, Kai	150, 1440
Jewell, Ross M	2188
Jewett, Robert E	1632
Johnson, G. Orville	091, 859
Johnson, Neal F	1996
Johnson, Thomas E	1241
Jones, George T	2049
Jones, Margaret H	1877
Jordan, Thomas E	390
Jung, Christian W	037
Kallsen, T. J	2311
Kegler, Stanley B	H–009
Keislar, Evan R	1090, 1413, 1684
Keller, Franklin J	1038
Kelly, J. T	156

Principal investigators	*Project No.*
Kelly, Ruby	1826
Kennedy, Wallace A	954, 1929
Kent, Allen	1298, 1517, 1743
Ketcham, Warren A	096, 1286
Keys, John W	499
Kimbrough, Ralph B	1324
King, Arthur R	1969
King, William B	"F–1"
Kinzer, John R	2306
Klausmeiser, Herbert J	153, 1442
Klohr, Paul R	320
Klopfer, L. E	896
Knapp, Patricia	874
Knowles, Laurence W	1701
Knox, Allan B	2233
Koelsch, Charles C	640
Kogan, Nathan	1316
Koistoe, Ralph H	1266
Kornberg, Leonard	935
Kreisman, Arthur	009
Kreitlow, Burton W	375, 1318
Kropp, R. P	2117
Krug, Richard F	499
Krulee, Gilbert K	1745
Kuethe, James L	1218
Kuhlen, Raymond G	047, 048
Kuvlesky, William P	065
Kvaraceus, William C	015, G–020
Lambert, Nadine	1186, 1980
Lambert, Phillip	1391, 2018
Lamke, Tom A	423
Lang, Gerhard	1750
Lange, Drexel	145
Lansing, John B	708
Larson, William	1353
Lassers, Leon	165
Landry, Leonard P	1987
Lazarfeld, Paul F	1974
Lee, John J	178
Lehman, Irvin J	372, 590, 1646
Leichman, Nathan S	175
LeMelle, Tilden	1704
Lennard, Henry L	1738
LePere, Jean	1636
Leppert, Ella C	HS–085
Lesser, Gerald S	297, 392, 1635, 2139
Leu, Donald J	1443
Levin, Harry	639
Levine, Samuel	109, 589, 1891
Levinson, Billey	1059
Lewis, Edwin C	763
Lin, San-su C	1339
Lindemann, J. W. R	HE–078
Lindman, Erick L	2123
Lindsey, Herbert H	1202
Linford, Velma	313
Lipham, James M	1913
Lippitt, Ronald	1167, 1866
Lister, James L	1344

Principal investigators	*Project No.*
Little, J. Kenneth	247, 485
Litwak, Eugene	1796
Loban, Walter	324, 1131
London, Jack	1017
Long, Eugene R., Jr	1521
Loomis, Chester M	178
Lorette, Robert	"B"
Lorge, Irving	170
Lotsof, Erwin J	2016
Lott, Albert J	1700
Lott, Bernice E	1700
Low, Gordon	165
Lowell, Edgar L	502, 907
Loyd-Jones, Esther	F–008
Lucio, William H	648
Lumsdaine, Arthur A	1402
Maccia, Elizabeth S	1632
Maccia, George S	1632
Maccoby, Eleanor E	1040
MacPherson, James R	172
Mallinson, George G	503, 1941
Maloon, James	1853
Malpass, Leslie F	578, 1267, 1921
Mange, Charles V	078
Manis, Jerome G	042
Manuel, H. T	681
Marcson, Simon	1479
Markwell, Noel G	613
Martin, William E	226
Masling, Joseph M	512
Matthews, Charles V	200, D–041
Mathewson, Robert H	1368
Maw, Wallace H	801, 1511
Mayo, Samuel T	2221
McCann, Lloyd E	1359
McCarthy, Sister Mary Viterbo	052
McColly, William	1528
McDavid, Ravan I	2107
McGrath, Earl J	647
McGrath, G. D	938
McGraw, Lynn W	1979
McGuigan, Frank J	1863
McGuire, Carson	025, 742, 1138
McKeachie, Wilbert J	850, 2339
McKeon, Brenda	1549
McLendon, Jonathon C	HS–083
McNeil, John D	1084, 1413
McSwain, Eldridge T	H–003
Medlin, William K	1414
Mednick, Martha T	1073
Mednick, Sarnoff A	1073
Medsker, Leland L	1133, 1328, 2167
Melton, Jessica S	1517
Merrifield, Philip R	738, 1060, 1342
Meux, Milton O	258, 1640
Meyerson, Lee	418
Michael, John L	418
Milholland, John E	805
Miller, Donald M	2018

Principal investigators	*Project No.*
Miller, Howard G	1242
Miller, Irwin W	412
Miller, James W	1570
Miller, Marian B	273
Minuchin, Patricia	1401
Mlodnosky, Lucille B	1838
Moore, Wilbur	1731
Morgan, James N	812
Morison, Edling	G–010
Morphet, Edgar L	677, 1076
Morse, William	753
Moss, Jerome, Jr	2050
Mullen, Frances A	157
Munger, Paul F	2196
Murphree, E. L., Jr	1605
Musmanno, Neal V	1275
Nelson, Norbert J	385
Newburger, Howard	332
Newcomb, Theodore M	1926, 1938
Niemeyer, John	G–021
Nilon, Charles	2189
Norris, Raymond C	637
Norsworthy, David R	722
North, Steward D	1495
Novack, Harry S	186
Odell, William R	308, 1039
O'Donnell, Roy C	1524
O'Dowd, Donald D	562, 1150
Ohlson, Merle M	623, 933, 934
Oliver, Donald W	551, HS–058
Olson, Paul A	H–001
Orton, J. W	1368
Orton, Kenneth D	578
Owens, William A	1052
Pace, C. Robert	378, 1083
Palisca, Claude U	G–013
Parker, Floyd G	1443
Passow, A. Harry	D–009
Patton, Francis	492
Payne, Joseph	2047
Peck, John R	026, 1533
Peck, Robert F	1781
Pellegram, Roland J	1765
Pennell, Ruth L	382
Perry, William G. Jr	978
Peterson, LeRoy J	1495
Petzold, Robert G	554, 766, 1051
Pielstick, N. L	1962
Pierce, James V	208, 1097
Pinner, Frank A	1412
Plant, Walter T	348, 914
Podel, Harriett A	1459, 2243
Pooley, Robert C	H–029
Pope, Saxton	1355
Porter, Douglas	142
Postman, Neil M	D–102
Potts, Alfred M	307
Powell, Marion	352
Pressey, Sidney L	2306
Price, Philip B	1551, 2110
Price, Roy A	F–014, HS–081
Proctor, Virginia H	816
Proff, Fred C	623, 934
Proshansky, Harold	1866
Quigley, Stephen P	685
Rarick, G. Lawrence	152, 263, 1755
Rau, Lucy	1040, 1838
Ray, Charles K	011, 878
Reese, Hayne W	1059
Reid, Hale C	1869
Reiss, Albert J., Jr	012, 507
Reynolds, James W	333
Reynolds, Maynard C	192
Rhoads, William G	1648
Rhodes, Albert Lewis	507
Rimoldi, Horacio J. A	1015, 1449, 2199
Ringness, Thomas A	154
Robertson, Malcolm H	2235
Robinson, James A	1568
Robinson, James T	1969
Robinson, Wade M	"C"
Roca, Pablo	131
Roff, Merrill	1351
Rogers, Carl R	1417, 1621
Rogers, Robert W	G–006
Rohman, D. Gordon	2174
Rokeach, Milton	879
Ronning, Royce R	1493, 2209
Root, Blake S	221
Rosenblatt, Louise M	G–009
Rosenbloom, Paul C	1020
Rosenfeld, Howard	451
Rossi, Peter H	1194
Rothney, John W. M	932, 1094
Roy, Howard L	1383
Runkel, Philip J	702, 939
Rusk, Elizabeth H	2104
Russell, David H	F–025
Russell, Wylie H	341
Sanford, Nevitt	1355
Sarason, Seymour B	624
Sauer, Edwin H	550
Schein, Jerome D	1383
Schiefelbusch, R. L	F–010
Schill, William J	2048
S[illegible]ger, Bernard B	973
[illegible]d, Calvin F	309
[illegible]nid, John	453
Schneider, Erwin H	E–016
Scholl, Geraldine T	1163
Schorer, Mark	D–104
Schueman, Helen	332
Schutz, Richard E	1048

Principal investigators	*Project No.*
Schutz, William C	677, 1076
Schwartz, Donald F	1266
Sears, Pauline S	873
Sears, Robert E	2035
Seiss, Rita S	2299
Sells, Saul B	1351
Shaffer, George	492
Shaffer, Robert H	2266
Shanley, Fred	1353
Shapiro, Edna K	1401
Sheldon, William D	D–068
Siegenthaler, Bruce M	495
Silverman, Robert E	2035
Simpson, Richard L	722, 906
Singer, Harry	538, 2011
Sjogren, Douglas D	1253, 1534, 2233
Slack, Robert C	H–015
Slocum, Walter M	2055
Smiley, Marjorie B	H–022
Smith, B. Othanel	258, 1640
Smith, Donald K	H–009
Smith, Helen K	1714
Smith, Henry L	1856
Smith, Lloyd L	145
Smith, Louis M	570, 798, 1226
Smith, Manon B	382
Smith, Ralph U	1828
Smith, Robert M	2250
Smith, Walter D	457, 510
Smock, Charles D	790
Snyder, Richard C	1568
Soar, Robert S	469, 1170
Solberg, Archie N	640
Solomon, Herbert	1327
Soper, Daniel W	814
Spaulding, Robert L	1352
Squire, James R	1994
Staats, Arthur W	1048
Staats, Carolyn K	1048
Stake, Robert E	573, 1253
Standlee, Lloyd S	039
Stanier, Barbara	368
Stanley, Julian C	149, 789
Stanton, Jeanette C	043
Starkweather, Elizabeth K	1967
Stecklein, John E	169
Steer, M. D	159, 492, 649
Stein, Morris I	"E–3"
Steinberg, Erwin R	F–007
Steinhaus, Arthur H	1529
Stellwagon, Walter	1493
Stern, George G	179, 183, 512
Steward, Joseph L	969
Stewart, Lawrence H	1493
Stodola, Quentin C	1266, 2234
Stolurow, Lawrence M	661
Storen, Helen	935
Stott, Leland H	1166
Stricker, George	2169
Strickland, Ruth G	561, E–005, G–008
Stroud, James B	145
Stroup, Francis	008
Stuckless, E. Ross	1769
Stunkard, Clayton L	192
Suchman, J. Richard	1547, D–076
Super, Donald	1393
Suppes, Patrick	727, 1616, D–005
Sustakoski, Henry J	1856
Sutton, Joseph T	1365, 1993
Sweitzer, Robert E	1329
Taba, Hilda	1574
Taber, Julian	691
Tate, Merle W	368
Taylor, Calvin W	621
Taylor, Herbert C	D–100
Telford, Charles W	914
Templin, Mildred C	387, 818, 2220
Terrell, Glen	1139
Thelen, Herbert A	428
Thistlethwaite, Donald L	657, D–099
Thomas, Donald R	674
Thompson, George G	259B
Thompson, O. E	1849
Thorndike, Robert L	574, "D"
Thorsell, Marguerite	055
Thurstone, Thelma G	168
Thweatt, Roger C	1594
Tibbett, John H	2337
Toby, Jackson	526
Tohtz, Jack E	1750
Torrance, E. Paul	725, 994
Tovatt, Anthony L	1989
Travers, Robert M. W	444, 1196
Trippe, Matthew J	859, 1394
Tucker, Allan	1146
Tumin, Melvin M	1928
Turkes, Walter R	1323
Turner, Richard L	1262
Valentine, Milton A	2299
Van De Riet, Vernon	954
Van Dyke, L. A	160
Van Egmond, Elmer	099
Van Riper, Charles	739, 1538
Vance, Forrest L	2202
Voelker, Paul H	178
Volsky, Theodore	1346
Wakefield, Howard E	1202, 1495
Wallach, Michael A	1316
Wallen, Norman E	1217, 2096
Wallin, Paul	1935
Walling, W. Donald	1038
Walton, Thomas W	1202
Watson, Walter S	1726
Wattenberg, William W	201, 377
Wax, Murray	1361
Weaver, Harry T	1641
Webb, Clarence E	1731

Principal investigators	*Project No.*
Weisbrod, Burton A	1045
Weitman, Morris	761
Wells, Herman	HE–080
Wenger, M. A	648
Wenrich, Ralph C	1577
Wepman, Joseph M	1198
Westcott, Malcolm R	684, 1919
White, J. B	156
White, James C	954
Wilcox, R. Kenneth	"G–1"
Wilk, Roger E	173, 473
Willard, Richard W	336
Willcutt, Herman C	1929
Willenberg, Ernest P	175
Wiley, David E	789
Williams, Charles F	1267
Williams, Joanna P	2100
Willingham, John R	2108
Wilson, Craig	591
Wilson, Mamie L. T	513
Wing, Richard L	1948
Winkler, R. C	2196
Wirtz, Morvin A	1607
Wise, Harold L	1772
Witryol, Sam L	1477
Wittrock, Merlin C	1684
Witty, Paul A	367
Woerdehoff, Frank J	385
Wolfe, William G	172
Wood, Nancy E	184
Woodcock, Richard W	1650
Woodruff, Arnold B	2284
Woodward, Mary F	502, 907
Woollatt, Lorne H	1944
Wright, Benjamin	1503
Wright, E. Muriel J	816
Wright, Wendell W	637
Wrightstone, J. Wayne	144, 1124
Yamamoto, Kaoru	2021
Zacharis, Jerrold R	G–010
Zander, Alvin	099, 451, 1143
Zidonis, Frank J	1746
Zimiles, Herbert	2270
Zimmer, Basil G	1044
Zintz, Miles V	275
Zuben, Joseph	908

APPENDIX B

Institutions and Agencies Conducting Research

Location	Project No.
Alabama	
Auburn University, Auburn	1641
Troy State College, Troy	672
Alaska	
University of Alaska, College	011, 878
Arizona	
Arizona State University, Tempe	185, 938, 1048
University of Arizona, Tucson	1359, 2306
Arkansas	
Southern State College, Magnolia	008
University of Arkansas, Fayetteville	453
California	
Claremont University College, Claremont	1969
San Francisco State College, San Francisco	109, 165, 416, 589, 1574, 1891
San Jose State College, San Jose	348, 914
Stanford University, Stanford	245, 308, 727, 803, 873, 1032, 1039, 1040, 1241, 1327, 1355, 1616, 1838, 1935, 1991, D–005, F–016.
State Department of Education, Sacramento	175, 1186, 1980, D–050
University of California, Berkeley	274, 324, 379, 438, 538, 677, 1017, 1076, 1131, 1133, 1328, 1459, 1493, 1676, 1867, 2167, 2209, 2243, D–104, F–026.
University of California, Davis	1849
University of California, Los Angeles	648, 1045, 1083, 1084, 1090, 1402, 1413, 1684, 1877, 2082, 2123, F–026.
University of California, Riverside	2011
University of Santa Clara, Santa Clara	729
University of Southern California, Los Angeles	502, 737, 907, 1060, 1342, 1353, 1956, 1976.
Colorado	
Colorado State College, Greeley	1650, 1987
State Department of Education, Denver	307, 1134
University of Colorado, Boulder	761, 2189, 2299
University of Denver, Denver	969
Western State College, Gunnison	1594
Connecticut	
State Department of Education	1826
University of Connecticut, Storrs	2245
Wesleyan University, Middletown	562
Yale University, New Haven	624, 669, 1382, 1748, 1846, 1931, G–013

Location	Project No.
Delaware	
State Department of Education, Dover	273
University of Delaware, Newark	801, 1487, 1511
District of Columbia	
American University	341
Catholic University	2049
Gallaudet College	685, 1383, 1633
George Washington University	221
U.S. Office of Education	166
Florida	
Florida State University, Tallahassee	457, 510, 954, 1523, 1929, 1998, 2065, 2117, H–026
State Department of Education, Tallahassee	1067
Stetson University, De Land	1365, 1993
University of Florida, Gainesville	156, 813, 814, 1324, 1717, 2250
University of Miami, Coral Gables	664
University of South Florida, Tampa	1267, 1921
Georgia	
Atlanta University, Atlanta	458
University of Georgia, Athens	171, 695, 1008, 1356, F–001, HE–078
Hawaii	
University of Hawaii, Honolulu	757, 1570, 2109
Illinois	
George Williams College, Chicago	1529
Loyola University, Chicago	1015, 1449, 2199, 2221
Northern Illinois University, Dekalb	1962, 2016, 2284
Northwestern University, Evanston	367, 1568, 1745, G–011, H–003, HS–083
Southern Illinois University, Carbondale	176, 401, 578
State Department of Public Instruction, Springfield	157, D–076
University of Chicago, Chicago	098, 120, 200, 208, 428, 454, 542, 975, 1078, 1097, 1194, 1198, 1503, 1714, 1845, 2107, 2225, G–015.
University of Illinois, Urbana	258, 509, 619, 623, 661, 701, 702, 876, 933, 934, 939, 965, 1344, 1352, 1411, 1547, 1566, 1640, 1790, 1994, 2048, 2129, D–076, F–006, G–001, G–007, HS–085.
University of Illinois, Chicago	1139

Location	*Project No.*
Indiana	
De Paul University, East Jackson	2337
Indiana University, Bloomington	037, 039, 419, 525, 561, 1262, 2266, E–005, F–017, G–008
Purdue University, Lafayette	159, 266, 385, 492, 613, 649, 790, 1052
Iowa	
Iowa State Teachers College, Cedar Falls	614, 923, 2188
Iowa State University, Ames	763
State Department of Public Instruction, Des Moines	145, 160, 423
State University of Iowa, Iowa City	507, 805, 1537, 1869, E–004, G–004
Kansas	
State Department of Public Instruction, Topeka	055
University of Kansas, Lawrence	594, 620, 1182, 2108, F–010
Kentucky	
University of Kentucky, Lexington	1700
University of Louisville	1005, 1370, 1701
Louisiana	
Grambling College, Grambling	513, 1704
Southern University, Baton Rouge	1592
Tulane University, New Orleans	1910
Maine	
State Department of Education, Augusta	382, 2024
Maryland	
Goucher College, Towson, Baltimore	2169
Johns Hopkins University, Baltimore	1203, 1218, 1999
University of Maryland, College Park	748, 922
Massachusetts	
Boston University, Boston	014, 015, 407, 424, 916, D–014
Clark University, Worcester	1221
Harvard University, Cambridge	142 217, 436, 550, 551, 714, 715, 853, 896, 978, 1057, 1373, "A", "C", HS–058.
Massachusetts Institute of Technology, Cambridge	336, 1316, G–010
Regis College, Weston	052
Tufts University, Medford	G–020
Williams College, Williamstown	1648
Michigan	
Central Michigan University, Mt. Pleasant	1731
Eastern Michigan University, Ypsilanti	1828
Hope College, Holland	697
Merrill-Palmer Institute, Detroit	1166
Michigan State University, East Lansing	372, 412, 532, 590, 608, 629, 845, 846, 879, 918, 1146, 1412, 1443, 1640, 1646, 2104, 2174, 2321, E–002
Michigan State University, Oakland, Rochester	1150
University of Michigan, Ann Arbor	096, 099, 330, 451, 708, 753, 812, 850, 1073, 1143, 1163, 1167, 1283, 1286, 1414, 1422, 1474, 1577, 1584, 1796, 1816, 1853, 1866, 1938, 2047, 2171, 2258, 2339, E–006.

Location	*Project No.*
Michigan—Continued	
Wayne State University, Detroit	178, 201, 289, 377, 874, 1001, 1455, 2207
Western Michigan University, Kalamazoo	042, 503, 668, 739, 1538, 1941, 2235
Minnesota	
University of Minnesota, Minneapolis	169, 173, 174, 192, 244, 365, 387, 397, 473, 557, 686, 725, 818, 951, 994, 1020, 1346, 1351, 2050, 2160, 2182, 2202, 2220, H–009, HS–045.
Mississippi	
State Department of Education, Jackson	139
University of Mississippi, University	783, 1605
University of Southern Mississippi, Hattiesburg	1734
Missouri	
State Department of Education, Jefferson City	408, 1607
University of Kansas City, Kansas City	371
University of Missouri, Columbia	1082, 2141
Washington University, St. Louis	390, 403, 570, 642, 798, 816, 929, 1026, 1226, 1338
Webster College, Webster Groves	D–093
Nebraska	
State Department of Education, Lincoln	146
University of Nebraska, Lincoln	573, 1253, 1534, 2010, 2233, H–001
New Jersey	
Fairleigh Dickinson University, Teaneck	1750
Newark State College, Newark	162
Princeton University, Princeton	1928
Rutgers University, New Brunswick	489, 526, 1038, 1479, 2071
New Mexico	
University of New Mexico, Albuquerque	275
New York	
Bank Street College of Education, New York	1401, 2270, G–021
Brooklyn College, Brooklyn	352, 787, 1153, 1758
City University of New York, New York	1368
Columbia University, New York	167, 170, 214, 574, 647, 1269, 1393, 1497, 1692, 2023, "D," D–009, "E–1," F–008, HE–084.
Cooper Union, New York	1726
Cornell University, Ithaca	639, 1680
Hunter College, New York	297, 392, 1635, 2139, H–022
New School for Social Research, New York	1738
New York Medical College, New York	908, 1099
New York University, New York	332, 2035, D–102, E–003, G–009
Queens College, Flushing	690, 935
State Education Department, Albany	144, 148, 1124, 1193, 1527, 1944, D–040
State University of New York, Buffalo	1856
State University of New York, College of Education, Albany	"B"
Syracuse University, Syracuse	018, 019, 047, 048, 078, 081, 082, 090, 091, 092, 127, 179, 181, 183, 259A, 378, 470, 512, 859, 862, 961, D–022, D–044, D–068, D–093, F–014, HS–081

Location	*Project No.*
New York—Continued	
University of Buffalo, Buffalo	1059, 1350
Vassar College, Poughkeepsie	684, 736, 1919
North Carolina	
North Carolina State College, Raleigh	1242
University of North Carolina, Chapel Hill	168, 722, 906, 1168, 1521
North Dakota	
North Dakota State University, Fargo	1266, 2234
University of North Dakota, Grand Forks	2196
Ohio	
Kent State University, Kent	2021, 2101
Ohio State University, Columbus	043, 259B, 320, 1530, 1632, 1746, 1757, 1898, 1934, 1983, 2213, 2288, E–014, E–016, F–002, F–015, HS–082
State Department of Public Instruction, Columbus	D–076
University of Toledo, Toledo	640, 2177
Western Reserve University, Cleveland	184, 1298, 1517, 1743, 1772
Oklahoma	
Oklahoma State University, Stillwater	1329, 1967
University of Oklahoma, Norman	499
Oregon	
Southern Oregon College, Ashland	009
University of Oregon, Eugene	1759, 1760, H–023
Pennsylvania	
Carnegie Institute of Technology, Pittsburgh	1046, 1770, F–007
Pennsylvania State University, University Park	065, 495, 1683, 1874, 2273
University of Pennsylvania, Philadelphia	368, 2100
University of Pittsburgh, Pittsburgh	226, 566, 635, 691, 1275, 1323, 1343, 1571, 1766, 1769, 2072, 2083, 2333, 2334, D–010, H–015, HS–041.
Rhode Island	
Brown University, Providence	1044, E–007
State Department of Education, Providence	186
South Carolina	
Claflin University, Orangeburg	1339
University of South Carolina, Columbia	1170
Tennessee	
George Peabody College for Teachers, Nashville	076, 103, 155, 637, 1394
Vanderbilt University, Nashville	012, 469, 657, D–098
Texas	
Stephen F. Austin State College, Nacogdoches	2311
Texas Christian University, Ft. Worth	833, 1351, 1575
Texas Education Agency, Austin	212
University of Houston, Houston	418
University of Texas, Austin	025, 026, 172, 333, 681, 742, 1138, 1533, 1781, 1979
Utah	
Brigham Young University, Provo	1810
University of Utah, Salt Lake City	353, 444, 543, 621, 864, 1107, 1196, 1217, 1308, 1551, 2096, 2110, 2277.
Utah State University, Logan	577
Vermont	
Bennington College, Bennington	1926
Virginia	
Hollins College, Hollins College	1863
Marymount College of Virginia, Arlington	1549
University of Virginia, Charlottesville	730, 1972
Virginia Polytechnic Institute, Blacksburg	1132
Washington	
University of Washington, Seattle	309
Washington State University, Pullman	2055
Western Washington State College, Bellingham	2341
West Virginia	
State Department of Education, Charleston	591
West Virginia University, Morgantown	973, 2152
Wisconsin	
University of Wisconsin, Madison	149, 150, 151, 152, 153, 154, 247, 263, 375, 485, 554, 674, 696, 766, 789, 932, 1051, 1094, 1202, 1299, 1318, 1391, 1417, 1440, 1442, 1495, 1528, 1621, 1755, 1913, 2018, G–001, H–029.
University of Wisconsin, Milwaukee	1091
Wyoming	
State Department of Education, Cheyenne	313
Guam	
Territorial College of Guam, Agana	477
Puerto Rico	
University of Puerto Rico, Rio Piedras	131, 1018, 1963

APPENDIX C

Subject Index

The research projects conducted under Public Law 531 are classified below by subject and, where applicable, by instructional level, keyed as follows: A—adult education, E—elementary, C—college, P—preschool, and S—secondary.

Subject	*Project No.*
Acceleration	1570–C, 2129–E, D–010–C
Achievement	014–ES, 052–S, 055–E, 082–ES, 144–S, 208–S, 226–S, 274–S, 352–E, 377–E, 387–ES, 397–S, 407–E, 423–E, 489–E, 492–ES, 503–S, 510–E, 542–SC, 566–S, 614–E, 619–E, 623–S, 635–S, 805–C, 812, 814–E, 845–S, 846–S, 873–E, 923–E, 933–E 961–C, 1008–E, 1057–S, 1084–S, 1097–S, 1107–S, 1139–C, 1163, 1168–S, 1218–C, 1263–S, 1283–ES, 1286–ES, 1338–CA, 1352–E, 1353–S, 1391–E, 1411–S, 1417–C, 1521–P, 1523–S, 1527–ES, 1592–E, 1636–S, 1676–E, 1683, 1854–S, 1898–E, 1903–E, 1941–C, 2016, 2071, 2101, 2152–SC, 2177–E, 2196–E, 2199, 2202–C, 2225, D–005–E, D–022–ES, G–015.
Under achievement	052–S, 082–ES, 208–S, 846–S, 933–E, 1107–S, 1263–S, 1353, 2196, "D", D–040–S, G–021.
Adjustment:	
Emotional	090–E, 096–E, 099–E, 154–E, 171–E, 407–E, 457–E, 507–S, 510–E, 578–ES, 623–S, 624–E, 1167–ES, 1186–E, 1286–ES, 1316–E, 1401–E, 1527, 1537–S, 1633–S, D–040–S.
General	423–E, 614–ES, 672, 1935–S, 1980–E
Social	043–E, 092–E, 096–E, 099–E, 146–S, 171–E, 178–S, 275–S, 407–E, 492–E, 510–E, 513–ES, 619–E 672–ES, 923–ES, 933–E, 1167–ES, 1168–S, 1182–E, 1226–ES, 1286–ES, 1328–SC, 1351–E, 1353–S, 1355–C, 1391–E, 1393–SC, 1511–E, 1537–S, 1866–S, D–014–E, E–002.
Administration:	
General	1759, 1765, 1934, E–001, F–002
Organization	543, 1324
Policy	1324
Theory	1913
Administrators:	
Behavior	929, 975
Effectiveness	214, E–1
Administrators—Continued	
Identification	677, 1076
Role	714, 853, 1329, E–001
Training	975
Admissions:	
College	166, 1570
Early	1570–C, D–010–E
Late	457–E, 510–E
Teacher education	173–C
Adult education	975, 1017, 1338, 2233
Aged	1422, 1530
Alaska	011, 878–S
Anxiety	624–E, 1008–E, 1218–C, 1382–C, 1592–E, 2141
Aphasia	090, 186–E
Aptitudes and abilities	226–S, 297–E, 566–S, 590–C, 635–S, 1040–E, 1060–E, 1090–E, 1338–CA, 1342–S, 1474, 1523–S, 1566–S, 1592–E, 1635–PE, 1646–C, 1676–E, 1680–S 1683, 2152–SC, 2199.
Art	669–C, 922–ES, 1748–E, 1874
Articulation	078, 1538
Attendance:	
Barriers	008–C
General	166–C, 438–C, 485–C, 1269–C, 1646–C, 2152–SC
Nonattendance	2321
Attitudes and values:	
Parents	018, 175, 181, 247, 365, 589, 812, 933, 1838, 2016
Students	012–S, 025–S, 226–S, 247–S, 259A–S, 274–S, 275–E, 367–ES, 372–ES, 379–EC, 407–E, 451–S, 507–S, 566–S, 570–ES, 590–C, 635–S, 729–SC, 736–C, 757–SC, 873–E, 914–C, 961–C, 978–C, 1018–C, 1078–E, 1328–SC, 1338–CA, 1411–E, 1412–S, 1443, 1592–S, 1621, 1646–C, 1648, 1683, 1700, 1758–S, 1849–S, 2337.

Subject	Project No.
Attitudes and values—Continued	
Teachers	039 169, 244–S, 509, 512, 557, 672–ES, 873–E, 906, 939, 1020, 1026–E, 1443, 1503, 1849, 2018.
Automatic data processing	783, 1275, 1298, 1323, 1517, 1605, 1641–C, 1743, 1772, 1948, 2234–C, D–050, E–007, F–026.
Bilingualism	185–E
Blind and partially seeing	424–ES, 916–P, 1005–ES, 1370, 1650, 1766
Buildings and equipment:	
Air conditioning	1067
Construction	212
Design	918, 1443
Environment	1443
Science equipment	640–S
Size	594
Utilization	918
Canada	1683
Career plans:	
College	562, 787, 1194, 1846
General	379, 1046
Students	226–S, 247–S, 336, 371, 379, 412, 436–ESC, 485, 542, 562, 566–S, 635–S, 722, 757–SC, 951–S, 1094–S, 1150–SC, 1221–S, 1346, 1350, 1368–S, 1393–S, 1726, 1846, 2109.
Teachers	047, 048, 169, 183, 330, 512, 557–C, 574
Case studies and histories	896–S, 1568–C, 1980–E
Classroom:	
Atmosphere	090–E, 157–E, 273–E, 444, 753, 873–E, 879–C, 1167–ES, D–022, D–044–ES, D–093.
Organization	1391–E, 2018
Communication	217, 502, 876, 908–E, 1048–PE, 2023–S
Community:	
Decision-making	308, 1324, 1765, G–007
General	065, 307, 333, 589, 1759
School relations	308, 1039, 1527, 1796, 1828
Size	594
Correspondence study	221, 1534–C, 2010–S
Creativity	025–S, 226–S, 566–S, 635–S, 664, 684–C, 725, 737–S, 975, 994–E, 1060–E, 1073–S, 1353–E, 1874, 1967–E, 1976, 2021–E, 2250, E–002, E–003.
Cross cultural studies	876, 1032, 1163–ES, 1414, 1648, 1676–E, 1683, 1903–E, 1928, 2177–E, 2266–C, G–015.
Culturally deprived	185–E, 458–A, 908–E, 935–S, 1124–S, 1414, 1527, 2107, D–014–P, G–021.
Curiosity	801–E, 1511, 1962
Curriculum development	009–C, 454, 629, 1913, "A", G–010–ES
Deaf and hard of hearing	289–E, 387–ES, 418–ES, 492–ES, 495–ES, 502–A, 685–E, 690–P, 907–PE, 969–P, 1001–ES, 1383–E, 1633–S, 1769, 2207–E.
Decision-making	1324, 1568–C, 1759, 1765, G–007
Delinquency	012–S, 015–S, 178–S, 179–S, 181–S, 201–S, 507–S, 526–S, D–040–S.
Dropouts and holding power	037–S, 160–S, 166–C, 174–C, 200, 208–S, 226–S, 247–S, 408–E, 438–C, 485–C, 566–E, 686–C, 878–S, 1146–C, 1269–C, 1328–S, 1646–C, 2258, D–040–S
Economics	HS–082–S
Education:	
History and philosophy	245, 1701
Impact	2321
Policy	F–017
Theory	245, 621, 1632, 2065, 2072, 2341
England	1676–E, 1903–E, 1928, 2177–E
English (*See* Language arts.)	
Environment:	
College	378, 438, 657, 729, 978, 1083, 1455, 1941, 2169, 2182, D–098
Physical	918, 1067, 1443
Social	120–S, 753, 1167, 1999, D–014–E
Finance:	
College	708, 1816, 1853
General	1045, 1241, 1828
Local	308, 2123
State	341, 591, 803, 1495, 2123
Followup studies	226–S, 542, 1094, 1346, 1846–C, 1924, 2109, 2160–C, 2258, 2321, 2333.
Foreign language	739–C
France	1928
Germany	1928
Gifted	025–S 037–S, 052–S, 098–S, 099–E, 151–E, 208–S, 253–ES, 297–E, 320–S, 392–E, 397–S, 418–ES, 423–E, 454–E, 458–A, 566–S, 577–ES, 608–S, 614–ES, 635–S, 657–C, 715–S, 742–S, 923–E, 932–S, 965–S, 1107–S, 1138–S, 1203–S, 1283–ES, 1342–S, 1570–C, 1967, 1976, 2129, 2329, D–010–E, E–002, E–006, HS–041, HE–080–S.
Graphics	2101, 2333, 2334
Group dynamics	623–S, 753, 798, 934–S, 1308–S, 1412–S, 1417–C, 1442, 1928, 2021–E.
Grouping	144–S, 577–ES, 608–S, 1283–ES, 1700
Guam	477–E

Subject	Project No.
Guidance and counseling	018–E, 052, 173–C, 273–E, 336–C, 365–A, 473–C, 623–S, 702, 932–S, 933–E, 934–S, 939, 1057–S, 1094–S, 1263–S, 1344–ES, 1346–S, 1417–C, 1537–S, 1636–S, 1726–C, 2196–E, F–001, F–008.
Hearing	172–ES, 176–ES, 418–ES, 499–ES, 649–ES, 739–C, 766–E, 973–E, 1051–E, 1099–E, 1731, 1983, 1989, F–010.
Home economics	244–S
Humanities	009
Hutterites	1683
Identification	139, 160–S, 297–E, 313–ES, 320–S, 392–E, 566–S, 635–S, 677, 701–E, 818–P, 932, 1076, 1538–E.
Indians	185–E, 275–E, 938–C, 1361
Industrial arts	2050
Information retrieval	1275, 1298, 1517, 1743, 1772, 2189
Instructional aids and materials	090–E, 142–E, 739–C, 1266–ES, 1370, 1383, 1474, 1648, 1956, 1983, 2101, 2213, 2277, 2311, D–104.
Interaction, student and teacher	259A–S, 259B–S, 668, 763–C, 918, 1167–ES, 1170, 1217, 1352–E, 1391–E.
Interests	226–S, 367–ES, 566–S, 635–S, 701–E, 748–S, 1008–E, 1411–S, 1493, 1592, 2209, E–002.
International education	876, 1032, 1163–ES, 1414, 1648, 1676–ES, 1854–S, 1903–E, 1928, 2177–E.
Junior college	333, 914, 1133, 1944, 2167
Kindergarten and preschool	167, 620, 818, 1059, 1134, 2337
Language arts:	
Composition	550–S, 1163, 1523–S, 1524–C, 1528–S, 1571–E, 1704–C, 1746, 1750–C, 1826–S, 1987–S, 1989–S, 1993, 2104–S, 2174, 2188–C, 2311, D–104, E–004–S, E–005, F–007, H–001, H–003, H–009–S, H–015–S, H–022–S, H–023–S, H–029, HE–078–PE, HE–080.
General	078–E, 151, 263–ES, 289–E, 477–E, 608, 908–E, 1163–ES, 1267–ES, 1534–C. 1704–C, 1750–C, 1856–S, 1994, 2010–S, 2082, 2108, 2189, D–076–ES, D–067, D–104, E–007, F–007, G–004, G–006–C, G–009, H–001, H–003, H–009–S, H–015–S, H–026–S, HE–080–S, HE–084.
Grammar	1746, 1750, 1826–S, 1856, 1987–S, 1998, E–005, H–009, H–022
Language	014–E, 324–E, 561–E, 681, 969–P, 1131–ES, 1339–C, 1383–E, 1746, 1826, 1877, 1987–S, 1996, 2082, 2104–S, 2220–E, D–067, F–010, F–025, H–009–S, H–022–S, H–023–S, H–029, HE–078–PE, HE–084.
Linguistics	907–PE, 1826–S, 1856–S, 2107, D–102–S, H–029
Literature	D–067, D–104, H–029
Reading and nonreading	015–S, 019–ES, 078–E, 157–ES, 162–E, 377–E, 538–S, 561–E, 639–E, 681, 1048–PE, 1099–E, 1163–ES, 1267–ES, 1413–E, 1680–S, 1714–S, 1755, 1898–E, 1903–E, 2011–E, 2083, 2299, D–068, E–005, G–008, H–015–S, H–022–S, H–023–S, G–021.
Speech	078–E, 159–ES, 165–ES ,495–ES, 499–ES, 513–ES, 620–PE 621–PE, 649–ES, 818–E, 1005–ES, 1198–E, 1370, 1607, 2220–E, 2225, 2299, F–010, HE–080–S.
Spelling	142–E, 1163–ES, 1267–ES, 1869–E, 1991
Language laboratory	739–C, 1339–C
Law	532, 1275, 1359
Leadership:	
County	1324
Student	217, 697–E, 2202–C
Teacher	217, 570–ES, 1084–S
Learning:	
Adult	2233
Analysis and synthesis	879, 1356
Atmosphere	695, 1167–ES
Attention	1308–C
Cognitive processes	098–S, 316–E, 387–ES, 790–E, 879, 965–S, 1040–E, 1459–E, 1931, 2021–E, 2117, 2243, E–003.
Concept formation	266, 578–ES, 833–ES, 1442, 1459–E, 1487, 1547, 1616–E, 1676–E.
Discrimination	076–E, 368, 1059–ESCA
Efficiency	153
General	573–C, 578–ES, 798–ES, 859, 862, 1048, 1203–S, 1242, 1308, 1401, 1497, 1962, F–016.
Generalization	091–S, 1910
Incentives	1477
Inhibition	091–S
Insight	150–E, 1440
Paired associates	730–C, 1001–ES
Problem solving	081–ES, 091–S, 150–E, 368–S, 578–ES, 798, 1015–S, 1262, 1382, 1440, 1449–SC, 1790–E, 1810, 1931–C, 2199.
Recognition and recall	091–S
Reinforcement	470–ES, 862–E, 864–C, 1196–SC, 1356, 2035
Retention	2245
Sensorimotor	127–ES, 578–ES
Skill	151, 263–ES
Spatial organization	424–ES, 578–ES, 1474
Thresholds	418–ES
Transfer	127–ES, 1203–S, 2277, D–005–ESC

Subject	*Project No.*
Learning—Continued	
Verbal	289–E, 578–ES, 1001–ES, 1477, 1680–S, 2207–E, 2245
Leisure	748–S
Library	489–E, 874, 1298, 1584
Listening	973–E, 1051–E, 1099–E, 1266–ES
Logic	727, 1547, 1640, D–005
Marriage	961
Mathematics:	
Algebra	403–S, 1090–E, 1342–S, 1566–S
Arithmetic	153, 1193–E, D–005–ESC
General	642, 715–S, 727–E, 816–S, 1020, 1342–S, 1365–S, 1487, 1566–S, 1616–E, 1676–E, 1854–S, 2010–S, 2270, D–005–E, D–009–S, D–022–ES, D–044–ES, D–076–ES, D–093–ES.
Geometry	727–E, 1616–E, 1633–S, D–005–E, 2047–S
Medical education	1551–C, 2110
Mental health	613, 753
Mental retardation:	
Cognitive processes	081–E, 091–ES, 150–E, 176–ES, 266–E, 418–ES, 833–ES, 1575.
Communication	014–E, 078–E, 159, 165–E, 184–E, 513–ES, 973–ES, 1607, 1731.
Counseling and guidance	018A, 175, 365A
Education and training	019–ES, 026–ES, 043–E, 055–E, 090–ES, 092–ES, 103–E, 109–E, 144, 145–E, 149–E, 155–E, 162–E, 167–PE, 168–E, 171–E, 186–E, 192, 382–ES, 408–S, 416–ES, 589–E, 619–E, 661–ES, 922–ES, 973–ES, 1182–E, 1267–ES, 1365–S.
General	152, 170–E, 175, 178–E, 185–E, 1182–E, 1394, 1891, G–001.
Identification	139–E, 313–ES
Learning	026–ES, 076–E, 082–E, 090–E, 127–E, 151–E, 153–E, 154–E, 157–E, 263–ES, 390–S, 470–ES, 578–ES, 695, 859–E, 862–E, 1440.
Measuring instruments	015–E, 172–ES, 332–E, 418–ES
Postschool adjustment	146, 1533, 1537
Mexicans	185–E, 681
Migrants	042, 307, 401, 674, 1202
Motivation	025–S, 047, 208–S, 379, 390–S, 451–S, 495–ES, 503–S, 557–C, 578–ES, 701–E, 790–E, 846–S, 864–C, 873–E, 1097–S, 1138–S, 1266–ES, 1283–ES, 1344–ES, 1373, 1594, 1700, 1796, 1929, 2035, 2055, 2152–CS, 2234–C, D–098.
Music	554–E, 766–E, 1051–E, 1734, 2049, E–016, G–013
Negroes	008–C, 458–A, 954–E, 1168–S, 1339–C, 1592–E, 2321, D–054, G–020.
Neighborhood	1527, 1796
Parents:	
Characteristics	812, 2258
Child relationships	1353–S
Counseling	933, 1636
Peer group	259A, 259B, 451, 672–ES, 1351–E, 1838–E, 2021–E.
Perception	151–E, 176–ES, 263–ES, 790–E, 813, 814–E, 859–E, 929, 1040, 1329, 1394–E, 1575, 1770–E.
Personality:	
Student	217, 266–S, 352–E, 736–C, 805–C, 914–C, 1060–S, 1138–S, 1218–C, 1226–ES, 1286–ES, 1355–C, 1411–S, 1511, 1533, 1745–C, 1770, E–003.
Teacher	047, 217, 397–S, 444, 453, 557, 574, 648, 1781
Physical education:	
General	1529
Resistive exercises	1979
Population mobility	309, 722
Programed learning	142–E, 661, 691, 864, 1090–E, 1242, 1267–ES, 1343–ES, 1402–SC, 1413–E, 1521–P, 1534–S, 1633–S, 1750–C, 1921–C, 1956, 1972–E, 2035, 2100, 2277, 2284, 2306.
Puerto Rico	131–ES, 681, 1018, 1963
Recruitment	657–C, 1018–C
Research:	
Dissemination	1298,"B","C"
General	525, 621, 1974, E–014
Methodology	149, 629, 789, 1373, 1757, "A"
Retraining	2273, D–054–A
Rural education	055–E, 375, 382–ES, 1318, 2055
Russia	1414
Scheduling	1323–C
School district:	
Reorganization	375, 1044, 1318
Size	594
School quality	148
Science:	
Biology	1969
General	392–E, 436–ESC, 503–S, 640–S, 715–S, 787–C, 896–S, 1107–S, 1547, 1956–S, 1972–E, D–076–ES.
Physics	403–S, 1641–C
Scotland	1163–ES, 1676, 1903–E

Subject	Project No.
Self concepts	154–E, 377–E, 451–S, 813, 845–S, 965–S, 1008–E, 1316–E, 1344–ES, 1352–E, 1368–S, 1373, 1503, 1527, 1636–S, 2152–SC, 2171–C, E–002, G–020.
Social class differences	438, 1017, 1269–C, 1328, 1455–C, 1577, 1635–PE, 1648, 1680–S, 1928, 1935–S, 2065, 2071, 2107, 2152–SC, 2250.
Social studies	009, 551–S, 1078–E, 1412–S, 2010–S, 2065, 2101, D–076–ES, F–014, G–010–ES, HS–041, HS–045, HS–058, HS–081, HS–082, HS–083, HS–085.
Spanish	573–S, 681, 739–C
Statistics	149, 637, 789, 1132, 1170, 1253, 1299, 1327
Stimulation	1568
Student:	
Aspirations	247–S, 451, 961, 1935–S, 2182–C, E–002
Behavior	025–S, 297–E, 473–C, 492, 594, 753, 814–E, 1170, 1217–E, 1316–E, 1796, 2096, 2141
Characteristics	012–S, 152–E, 160–S, 226–S, 438–C, 566–S, 635–S, 1226, 1269–C, 1328, 1770–E, 1938–C, 2109.
Conformity	507, 1976
Development:	
Mental	096–E, 099–E, 1052, D–014
Physical	096–E, 152–E, 696–E, 1394–E
Dishonesty	1672–C
Influence	451–S
Role	1738
Status	526–S
Subculture	185, 1083, 1926, 2139, 2169–C
Success	938–C, 1133–C, 1328–C
Student-teacher	473, 648, 1026, 1091, 1503, 1717
Summer programs and institutes	423–E, 614–E, 702, 715–S, 923–E, 1479
Talented:	
Identification	297–E, 320–S, 392–E, 418–ES, 458–A, 566–S, 635–S, 932–S, 1138–S, 1967, 1976, E–006.
General	099–E, 151–E, 208–S, 263–ES, 397–S, 42?–E, 554–E, 577–ES, 578–ES, 608–S, 614–E, 742–S, 923–E, 933–E, 965–S, 1107–S, 1203–S, 1283–ES, 1342–S, 1570–C, 1976, 2129, 2329, 2333, 2334, D–010, D–076–ES, E–002, F–006, HS–041.
Recruitment	657–C
Training and development	052–S, 098–S, 614–ES, 715–S, 923–E, 1038–S, D–009–S, E–006, HE–080–S.
Teacher aides	550–S, 2024

Subject	Project No.
Teacher education	039, 156, 173, 174–E, 258, 469, 473, 624, 648, 672–ES, 686–C, 702, 813, 935–S, 939, 1026, 1091–E, 1153, 1781, 2104–S, F–015, G–011.
Teacher shortage	221, 574
Teachers:	
Behavior	444, 473, 624–E, 1153–E, 1170, 1781, 2288
Characteristics	574, 1020, 1217–E, 2096
Effectiveness and success	173, 244, 352, 353, 397–S, 419, 444, 453, 469, 473, 624 648, 668, 672, 763, 850–C, 873–E, 1020, 1084, 1153, 1167, 1217–E, 1262, 1781, 2188–C, 2339–C
Emotional stability	648
Influence	397–S, 451, 1020, 1414
Problem solving proficiency	419, 1262
Professionalism	330, 419, 906
Role	065, 330, 371, 906, 1082, 1167–ES, 1738, 2277
Workload	2024, 2171–C
Teaching methods and instructions	009, 090–E, 142–E, 155–E, 157, 162, 165, 168, 186–E, 192, 258, 289–E, 407–ES, 416, 423, 424, 428–S, 444, 573, 589, 614, 619, 620, 624–E, 642, 739–C, 850–C, 873, 879, 896–S, 907–E, 908–E, 922, 923, 1084, 1124, 1134, 1193–E, 1196, 1242, 1267–ES, 1339–C, 1352–E, 1356–S, 1383, 1391–E, 1413–E, 1497, 1528, 1529, 1547, 1568, 1640, 1648, 1704–C, 1738, 1750–C, 1759, 1781, 1790–E, 1856–S, 1869–E, 1874, 1898–E, 1913, 1948, 1956–S, 1972–E, 1989, 1994, 2018, 2023, 2108–C, 2288, 2311, D–005–E, D–009, D–022, D–041, D–044–ES, D–093, E–004–S, F–007, F–025, G–006–C, G–009, G–021.
Television	573–C
Tests and measurements:	
Construction, design, validation	015, 131, 172, 681, 789, 954, 1186, 1327, 1350, 1368, 1493, 1594, 1650, 2117.
General	226, 332, 412, 509, 702, 801, 1166, 1266, 1344, 1350, 1382, 1394, 1537, 1680, 1726, 1983, 2141, 2209, 2221, 2234–C.
Identification and prediction	139, 173, 244, 473, 566, 635, 648, 1170, 1186, 1538, 1934, 1980.
Impact	2334
Ratings	148, 353, 789, 1551
Textbooks	1534–C, 1633–S, 1921–C
Thinking:	
Critical	258, 372–C, 590–C, 729–C, 1646–C, 1680–S
Intuitive	1919
Original	2235–C
Productive	965–S
Transfer, student	1133–C, 1549–C, 2167–C
Transportation	783, 1605
Urban and metropolitan	1044, H–022

Subject	Project No.
Vision	172-ES, 499-ES, 502-A, 1099-E, 1898-E, 1989
Vocation	371, 385-S, 412, 542, 562, 722, 757-SC, 951, 1038-S, 1094, 1150-SC, 1346-S, 1350, 1368-S, 1393-S, 1455, 1493, 1533, 1537-S, 1577, 1726-C, 1745-C, 1846, 1849, 1866-S, 1924, 2048, 2050, 2109, 2273
Work-study program	D-041

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Library, San Diego State College, San Diego 15
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Midwest Inter-Library Center, 5721 Cottage Grove Avenue, Chicago 37
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Gift and Exchange, University of Illinois Library, Urbana

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Documents Librarian, Indiana University Library, Bloomington
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Library, Ball State Teachers College, Muncié
Director of Libraries, Indiana State Teachers College, Terre Haute

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Enoch Pratt Free Library, Documents Librarian, Baltimore 1
Library, Johns Hopkins University, Baltimore 18
Curriculum Laboratory, Educational Services Section, Montgomery County Board of Education, Washington Street, Rockville

Massachusetts
Library, Lesley College, Cambridge 38
Library, School of Education, Boston College, Chestnut Hill 67

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Documents Librarian, University of Michigan Library, Ann Arbor
Book Receiving Department, Detroit Public Library, 5201 Woodward Avenue, Detroit 2
Library, Wayne State University, Detroit 2

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Library, Eastern Michigan University, Ypsilanti

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Documents Division, Kansas City Public Library, Ninth and Locust Streets, Kansas City

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Periodical Department, Rutgers University Library, New Brunswick
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Gift and Exchange, New York State Library, Albany 1
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Documents Division, Brooklyn Public Library, Grand Army Plaza, Brooklyn 17
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Government Documents, New York Public Library, Fifth Avenue and 42d Street, New York 18
Redex Microprint Corporation, 115 University Place, New York 3
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[1] Separate subscription.
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042	29	2.25	2.25
043	100	5.00	2.25
047	139	6.95	2.25
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065	93	4.65	2.25
076	64	3.20	2.25
078	72	3.60	2.25
081	47	2.35	2.25
082	214	10.70	2.25
090	836	41.80	4.40
091	181	9.05	2.25
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142	139	6.95	2.25
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148	181	9.05	2.25
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150	169	8.45	2.25
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152	86	4.30	2.25
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156	95	4.75	2.25
157	713	35.65	7.76
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192	146	7.30	2.25
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212	232	11.60	2.25
214	638	31.90	3.69
221	66	3.30	2.25
226	376	18.80	2.25
245	561	28.05	3.29
247	131	6.55	2.25
258	236	11.80	2.25
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266	43	2.25	2.25
273	65	3.25	2.25
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477	25	2.25	2.25
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489	218	10.90	2.25
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562	176	8.80	2.25
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1253	76	3.80	2.25
1263	164	8.20	2.25
1266	39	$2.25	$2.25
1275	72	3.60	2.25
1283	175	8.75	2.25
1298	335	16.75	2.25
1299	153	7.65	2.25
1329	572	28.60	3.29
1344	152	7.60	2.25
1368	137	6.85	2.25
1417	134	6.70	2.25
1449	210	10.50	2.25
1524	50	2.50	2.25
"A"	6	2.25	2.25
D-022	56	2.80	2.25
E-001	85	4.25	2.25
E-003	99	4.95	2.25
F-001	153	7.65	2.25
F-002	283	14.15	2.25
F-007	115	5.75	2.25
G-001	174	8.70	2.25

APPENDIX F

Cooperative Research Publications

A single copy of each of the following publications may be obtained free from the Publications Inquiry Unit, Office of Education, U.S. Department of Health, Education, and Welfare, Washington, D.C., 20202. Multiple copies may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

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Cooperative Research Projects—Fiscal 1959 (OE–12004)	. 25
Cooperative Research Projects—Fiscal 1960 (OE–12004–60)	. 30
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	75

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